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UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL RESEARCH SERVICE
PLANT QUARANTINE DIVISION

LIST OF INTERCEPTED PLANT PESTS, 1958

(List of Pests Recorded From July 1, 1957, Through June 30, 1958, as Intercepted In, On, or With Plants and Plant Products Entering United States Territory)

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INTRODUCTION

This report, covering the 45th year for which interception lists have been issued, summarizes the records of insect pests, plant pathogens, and certain other organisms found in, on, or with plant products (1) imported; (2) offered for but refused entry; (3) held as ships' stores, etc., and hence not offered for entry through customs; (4) offered for entry for immediate transportation and exportation in bond; and (5) in domestic shipments between the American Virgin Islands, Hawaii, and Puerto Rico and the mainland.

The pests listed include insects, snails, fungi, bacteria, nematodes, and viruses causing injury of known or potential plant quarantine significance to the United States. Some common organisms are included if they are (1) new to the country of origin, (2) new to the host plant, or (3) of such limited distribution in the United States that they are worthy of mention.

The data for this list, which includes some for the previous year, are largely obtained from identifications made by specialists of the Entomology Research Division and Plant Quarantine Division, supplemented by information supplied by State officials. Some, however, represent critical studies and determinations made by specialists of the Crops Research Division who also identified many of the host plants cited.

All scientific names are reviewed by specialists in the Department to assure conformance to the International Rules of Nomenclature.

Every effort is made to give the correct origin for all collections listed; questionable cases are omitted or the origin is listed as unknown.

INTERCEPTIONS FROM AIRBORNE MATERIAL

Air importations from many parts of the world continue to bring an increasing number of viable plant pathogens, living insects, and other pests, which require constant vigilance to apprehend them at the ports of entry.

During the year, 5,502 pest interceptions were made from plant material arriving in baggage, express, freight, mail, and stores. Of the total, 4,898 were insects carried on plant parts or as stowaways, and 604 were plant diseases.

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Some important insect interceptions in airborne material were:

Adoxophyes orana on lilac in cargo from the Netherlands.

The citrus blackfly (*Aleurocanthus woglumi*) on citrus leaves in baggage from Mexico and Nicaragua; and on citrus leaves in stores from Mexico.

The Mexican fruit fly (*Anastrepha ludens*) in mango in baggage from Mexico; in orange in baggage from Guatemala and Mexico; in orange in stores from Guatemala; and in pomegranate in baggage from Mexico.

The West Indian fruit fly (*Anastrepha mombinpraeoptans*) in guava in baggage from Mexico; in Malay-apple in baggage from Guatemala; in mango in baggage from Central America, Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, and Puerto Rico; in mango in cargo from Cuba; in mango in mail from Puerto Rico; in purple mombin in baggage from El Salvador, Guatemala, Honduras, and Nicaragua; in purple mombin in quarters from Central America (country (?)); and in yellow mombin in baggage from Honduras(?) and Nicaragua. *A. mombinpraeoptans*(?) in yellow mombin in baggage from Trinidad.

Apion carduorum in globe artichoke in baggage from Italy.

The Mediterranean fruit fly (*Ceratitis capitata*) in cactus fruit in baggage from Italy; in coffee in preflight inspection of baggage leaving Hawaii for the mainland; in fig in baggage from Italy; in guava in baggage from the Azores and Portugal; in Mandarin orange in baggage from Israel and Libya; in mango in baggage from Egypt; in olive in baggage from Italy; in orange in baggage from the Azores, Israel, and Italy; in orange in quarters from the Azores; in orange in stores from the Azores and Italy; in peach in baggage from Italy and Tunisia and in peach in stores from Italy; in pear in baggage from Italy and in pear in stores from France(?); and in plum, pomengranate, and quince in baggage from Italy. *C. capitata*(?) in orange in baggage from Brazil; in orange in stores from Spain; and in sweet lime in stores from the Azores.

The Asiatic rice borer (*Chilo suppressalis*) in rice straw jackets in baggage from Portugal(?).

Cylas formicarius ssp. in sweetpotato in cargo from the Philippines; and in sweetpotato in quarters from Thailand.

Cylas formicarius var. in sweetpotato in cargo from the Philippines.

Cylas formicarius formicarius in sweetpotato in cargo from the Philippines and Thailand; and in sweetpotato in stores from the Philippines and Singapore.

The oriental fruit fly (*Dacus dorsalis*) in avocado, bitter almond, coffee, mango, *Passiflora* sp., and vi-apple in preflight inspection of baggage leaving Hawaii for the mainland; and in vi-apple in preflight inspection of mail leaving Hawaii for the mainland. *D. dorsalis*(?) in pomegranate in preflight inspection of baggage leaving Hawaii for the mainland.

The olive fruit fly (*Dacus oleae*) in olive in baggage from Italy. *D. oleae*(?) in olive on tray of hors d'oeuvres from an unknown origin.

Tahitian coconut weevil (*Diocalandra taitensis*) on coconut in preflight inspection of baggage leaving Hawaii for the mainland.

Malacosoma neustria in cherry cuttings in baggage from Japan.

Maruca testulalis with mauna loa lei in preflight inspection of baggage leaving Hawaii for the mainland; in peas in mail from Puerto Rico; and in string bean in baggage from Puerto Rico.

The pink bollworm (*Pectinophora gossypiella*) in cotton boll in baggage from Jamaica; in cottonseed in baggage from Cuba and Paraguay; in Malvaceae seed in cargo from Angola; and in okra in baggage from Barbados.

The European corn borer (*Pyrausta nubilalis*) in pepper in baggage from Italy; and in tomato in stores from Italy.

Rhagoletis cerasi in cherry in baggage from Belgium, Germany, Italy, Spain, and Switzerland; in cherry in quarters from France; and in cherry in stores from the Azores, France, Italy, Portugal, and an unknown origin.

Interceptions of airborne plant pathogens of interest were:

Cercospora coffeicola on coffee leaves in baggage from Brazil and El Salvador.

Cercospora insulana on statice in baggage from Peru.

Chrysomyxa ledi var. *rhododendri* on rhododendron leaves in baggage from Switzerland and in mail from Austria and Switzerland.

Colletotrichum crassipes on *Crataegus* sp. in baggage from El Savador.

Curvularia geniculata on betel palm in express from Pakistan.

Elsinoe australis, the sweet orange scab, on lemon in baggage from an unknown

origin and in stores from Brazil; on orange in baggage from Brazil and an unknown origin; and on orange in stores from Argentina.

Phoma citricarpa (the black spot of citrus) on *Citrus* sp. peel in baggage from Hong Kong and the Philippines; on lemon in stores from Australia, the Union of South Africa, and an unknown origin; on Mandarin orange in baggage from China, Hong Kong, Japan, Philippines, and Thailand; on Mandarin orange in quarters from an unknown origin and in stores from Japan; on orange in baggage from an unknown origin; on orange in quarters from the Union of South Africa; on orange in stores from Australia, the Union of South Africa, and an unknown origin; and on Satsuma orange in baggage from China.

Puccinia horiana on chrysanthemum in baggage, quarters, and stores from Japan.

Septoria selenophomoides on an orchid leaf in cargo from the Union of South Africa.

Sphaceloma fawcettii var. *scabiosa* on lemon in stores from Australia.

Sphenospora kevorkianii on *Huntleya* sp. in baggage from Costa Rica.

Uromyces commelinae on *Geogenanthus* sp. leaf in cargo from Colombia.

Xanthomonas citri (citrus canker) on grapefruit(?) peel in baggage from Pakistan; on lime and sour lime in baggage from India; and on orange in baggage and stores from Japan.

"Yellow spot" virus on camellia leaf in baggage from the Netherlands.

The following nematodes were found in airborne material:

Gottholdsteineria goodeyi in soil with plants in baggage from Ireland.

Helicotylenchus erythrinae in soil with garlic in baggage from Ireland.

Helicotylenchus multicinctus in soil with roots of banana plants in baggage from Cuba.

Helicotylenchus nannus in soil on unknown roots in baggage from the Netherlands.

The oat nematode (*Heterodera avenae*) in soil with spruce seedlings in baggage from Germany.

The golden nematode (*Heterodera rostochiensis*) in soil with cactus plant in baggage from Scotland; in soil with assorted plants in baggage from Ireland; in soil with potatoes in baggage from Ireland and Peru; and in soil with shamrock roots in cargo from Ireland.

Scutellonema brachyurum in soil with unidentified plants in baggage from Greece.

Tylenchorhynchus acutus in soil with unknown plants in baggage from Cuba.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

The following fruit flies were intercepted:

The Mexican fruit fly (*Anastrepha ludens*) in avocado in baggage from Mexico; in grapefruit in baggage and quarters from Mexico; in mamey sapote in baggage from Mexico; in mango in air baggage, baggage, and quarters from Mexico; in orange in air baggage and air stores from Guatemala; in orange in air baggage, baggage, cargo, quarters, and stores from Mexico; in peach in baggage from Mexico; in pomegranate in air baggage from Mexico; and in quince, sour orange, and sweet lime in baggage from Mexico.

The West Indian fruit fly (*Anastrepha mombinpraeoptans*) in guava in air baggage from Mexico; in Malay-apple in air baggage from Guatemala; in mango in air baggage from Central America (country(?)), Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, and Puerto Rico; in mango in baggage from El Salvador, Haiti, Jamaica, Mexico, and Puerto Rico; in mango in aircargo from Cuba; in mango in airmail from Puerto Rico; in mango in quarters from Guatemala and Jamaica; in mango in stores from Costa Rica, Dominican Republic, Guatemala, Haiti, Jamaica, and Mexico; in purple mombin in air baggage from El Salvador, Guatemala, Honduras, and Nicaragua; in purple mombin in air quarters from Central America (country(?)); and in yellow mombin in air baggage from Honduras(?) and Nicaragua. *A. mombinpraeoptans*(?) in yellow mombin in air baggage from Trinidad.

Anastrepha serpentina in *Lucuma psammophila* in mail from Brazil; and in mamey sapote in baggage from Mexico.

Anastrepha striata(?) in guava in baggage from Mexico.

The Mediterranean fruit fly (*Ceratitis capitata*) in cactus fruit in air baggage from Italy; in coffee in baggage from Hawaii; in fig in air baggage and baggage from Italy; in guava in air baggage from the Azores and Portugal; in lemon in baggage from Italy; in Mandarin orange in air baggage from Israel and Libya; in Mandarin orange in baggage from Italy; in Mandarin orange in mail from Tunisia; in Mandarin orange in stores from Italy; in mango in air baggage from Egypt; in olive in air baggage from Italy; in orange in air baggage from the Azores, Israel, and Italy; in orange in air quarters from the Azores; in orange in air stores from the Azores and Italy; in orange in quarters from Argentina and Italy; in orange in stores from Egypt, Israel, Italy, Lebanon, and Spain; in peach in air baggage from Italy and Tunisia; in peach in air stores from Italy; in pear in air baggage from Italy; in pear in air stores from France(?); in pear in baggage from Greece and Italy; in pear in stores from Greece, Italy, and Spain; in plum in air baggage from Italy; in pomegranate in air baggage and baggage from Italy; in pricklypear in baggage from Italy; in quince in air baggage from Italy; and in quince in baggage from Greece and Italy. *C. capitata*(?) in bell pepper in stores from Belgian Congo; in orange in air baggage from Brazil; in orange in air stores from Spain; in orange in stores from the Union of South Africa; and in sweet lime in air stores from the Azores.

The melon fly (*Dacus cucurbitae*) in balsam-pear in baggage from Hawaii; an adult and eggs on *Momordica* sp. in mail from Hawaii; and in string bean, tomato, and zucchini squash in stores from Hawaii. *D. cucurbitae*(?) in cucumber in stores from Hawaii.

The oriental fruit fly (*Dacus dorsalis*) in avocado in preflight inspection of baggage leaving Hawaii for the mainland; in avocado in quarters from Hawaii; in banana in baggage from an unknown origin; in banana in quarters and stores from Hawaii; in bitter almond in preflight inspection of baggage leaving Hawaii for the mainland; in *Calophyllum inophyllum* in mail leaving Hawaii for the mainland; in immature coconut in baggage from Hawaii; in coffee in preflight inspection of baggage leaving Hawaii for the mainland; in Malay-apple in mail leaving Hawaii for the mainland; in mango in baggage and quarters from Hawaii; in mango and *Passiflora* sp. in preflight inspection of baggage leaving Hawaii for the mainland; in tomato in stores from Hawaii; and in vi-apple in preflight inspection of mail leaving Hawaii for the mainland. *D. dorsalis*(?) in bitter almond in mail leaving Hawaii for the mainland; in coffee in preflight inspection of baggage leaving Hawaii for the mainland; in coffee in mail leaving Hawaii for the mainland; and in pomegranate in preflight inspection of baggage leaving Hawaii for the mainland.

The olive fly (*Dacus oleae*) in olive in baggage from Italy and Spain and in air baggage and mail from Italy. *D. oleae*(?) in olives on tray of hors d'oeuvres in air stores from an unknown origin.

Euleia heraclei(?) in celery in stores from Italy.

Rhagoletis cerasi in cherry in air baggage from Belgium, Germany, Italy, Spain, and Switzerland; in cherry in air quarters from France; in cherry in air stores from the Azores, France, Italy, Portugal, and an unknown origin; and in cherry in cargo from Italy.

Rhagoletis juglandis in black walnut in baggage from Mexico.

INSECTS OTHER THAN FRUIT FLIES

The following insects of unusual interest were intercepted:

Acrolepia assectella (Hyponomeutidae) in leek in stores from Belgium, France, Italy, and the Netherlands; and in turnip in stores from an unknown origin.

Adoxophyes orana (Tortricidae) with lilac in aircargo from the Netherlands.

The citrus blackfly (*Aleurocanthus woglumi*) on citrus leaves in air baggage from Mexico and Nicaragua; and on citrus leaves in baggage and stores from Mexico.

Aleurotrachelus camelliae (Aleyrodidae) on camellia cuttings and leaves in mail from Japan.

A curculionid, *Anthonomus rectirostris*, in black cherry in mail from Belgium.

Apion carduorum (Curculionidae) in globe artichoke in air baggage from Italy.

A noctuid, *Barathra brassicae*, in Chinese and petsai cabbage in stores from Japan.

Brachycerus albidentatus (Curculionidae) in garlic in cargo from Italy.

Bruchus tristis (Bruchidae) in bean and broadbean in baggage from Italy; in chickpea in baggage from Greece; in grass pea in mail from Italy; in legume seed

in air baggage from an unknown origin; and in lupine seed in baggage from Italy.

A coccid, *Ceroplastes rubens*, on *Alpinia purpurata* leaf in preflight inspection of aircargo leaving Hawaii for the mainland; on anthurium leaf in mail leaving Hawaii for the mainland; on camellia plants in baggage from Japan; on camellia plant in mail from Formosa; on cotoneaster plant and English ivy in air baggage from Japan; on finetooth holly in cargo from Japan; on gardenia in air baggage from Japan; on gardenia and maile in preflight inspection of air baggage leaving Hawaii for the mainland; on maile in mail leaving Hawaii for the mainland; on *Metrosideros collina* in preflight inspection of air baggage leaving Hawaii for the mainland; and on rhododendron in baggage from Japan.

The Asiatic rice borer (*Chilo suppressalis*) in rice straw in air baggage from Portugal(?); in rice straw in baggage from Korea; and in rice straw in baggage, cargo, and stores from Japan.

Conotrachelus aguacatae (Curculionidae) in avocado in baggage and quarters from Mexico.

Curculio elephas (Curculionidae) in chestnut in air baggage from Greece, Italy, and Portugal; in chestnut in baggage from Greece, Italy, Portugal, and Spain; in chestnut in cargo from Italy; in chestnut in mail from Italy; in chestnut in quarters from Turkey; in chestnut in stores from France, Italy, and Portugal; in European oak in cargo from Italy; in holly oak in mail from Italy; and in acorn in baggage from Italy.

A curculionid, *Cylas formicarius formicarius*, in sweetpotato in aircargo from the Philippines and Thailand; in sweetpotato in cargo from Hong Kong and Thailand; in sweetpotato in quarters from an unknown origin; and in sweetpotato in stores from India, Philippines, and Singapore.

Cylas puncticollis (Curculionidae) in sweetpotato in stores from Nigeria and Sierra Leone.

An aleyrodid, *Dialeurodes kirkaldyi*, on Arabian jasmine in preflight inspection of baggage leaving Hawaii for the mainland; on Arabian jasmine in baggage from the Philippines; on gardenia in baggage from Hawaii; and on star jasmine in preflight inspection of baggage leaving Hawaii for the mainland.

Diaprepes abbreviatus (Curculionidae) on *Pothos* sp. in aircargo from Puerto Rico.

A pyraustid, *Dichocrocis punctiferalis*, in peach in quarters from Japan.

Dyspessa ulula (Cossidae) in garlic in cargo from Italy and Spain; and in garlic in stores from Spain.

Epichorista ionephela (Tortricidae) with chinkerichee in baggage, cargo, and mail from the Union of South Africa.

An olethreutid, *Gymnandrosoma aurantianum*, in grapefruit in stores from Mexico.

Lampides boeticus (Lycaenidae) in leis made of *Canavalia* sp. in preflight inspection of baggage leaving Hawaii for the mainland.

An olethreutid, *Laspeyresia splendana*, in chestnut in air baggage from Italy and Portugal; in chestnut in baggage from the Azores, France, Greece, Italy, Philippines, Portugal, and Spain; in chestnut in cargo from Italy; and in chestnut in stores from France.

Leucinodes orbonalis (Pyraustidae) in eggplant in stores from Nigeria.

Lobesia botrana(?) (Olethreutidae) in grape in baggage from Italy.

Malacosoma neustria (Lasiocampidae) in cherry cuttings in air baggage from Japan.

A phalaenid, *Mamestra brassicae*, in cabbage in stores from Belgium.

A bean pod borer, *Maruca testulalis*, in leis made of *Canavalia* sp. in preflight inspection of baggage leaving Hawaii for the mainland; in civet bean in stores from Hawaii; in pea in air mail from Puerto Rico; in pigeonpea in cargo leaving Puerto Rico for the mainland; in string bean in preflight inspection of baggage leaving Puerto Rico for the mainland; in string bean in cargo and airmail from Puerto Rico; and in string bean in stores from Brazil, Ghana, and Japan.

An olethreutid, *Olethreutes leucotreta*, in grapefruit in stores and in orange in air quarters from the Union of South Africa.

Prays endocarpa (Hyponomeutidae) in pummelo in stores from the Federation of Malaya.

Prays oleelus (Hyponomeutidae) on olive leaf in air baggage from Italy.

A chrysomelid, *Psylliodes chrysocephala*, in turnip in stores from France.

Stephanoderes hampei (Scolytidae) in coffee in cargo from Brazil; and in coffee in stores from Egypt and India.

A mango weevil, *Sternochetus mangiferae*, in mango in air baggage from Australia; in mango in preflight inspection of baggage leaving Hawaii for the mainland; in mango in airmail from Guam, Philippines, and Vietnam; in mango in air quarters from Eniwetok(?); in mango in air stores from Vietnam; in mango in baggage from Hawaii and the Philippines; in mango in mail leaving Hawaii for the mainland; and in mango in quarters and stores from Hawaii.

The khapra beetle (*Trogoderma granarium*) with almond shells and cashew nuts in mail from India; with used bagging in cargo from the Netherlands; with dried beans in stores from the Netherlands; in flour in stores from England, Italy, Netherlands, and the Union of South Africa; with dried peaches in stores from an unknown origin; with peanuts in airmail from Portugal; with rice in stores from Brazil, China, Formosa, and an unknown origin; on old rice bags in stores from India; and in wheat bran in baggage from Mexico.

SNAILS

The giant African snail (*Achatina fulica*) was intercepted twice with military cargo from Morocco.

Porphyrobaphe iostoma, not in the United States and not injurious under normal conditions, was intercepted six times with bananas in cargo from Ecuador.

Theba pisana, an injurious snail not known to be established in the United States, was intercepted 33 times; 28 of these came in military cargo in aircargo and cargo from Morocco; once in military cargo in aircargo from Libya; once in general cargo from the Mediterranean region; once each on conex boxes in cargo from Morocco and Spain; and once on parsley in stores from Spain.

Other snails of economic importance, but of limited distribution in the United States, intercepted and worthy of mention were: *Arion circumscriptus*, *Bradybaena similaris*, *Cepaea nemoralis*, *Deroceras reticulatum*, *Limax marginatus*, *L. maximus*, *Milax gagates*(?), *Oxychilus allarius*, *Vallonia pulchella*, and *Zonitoides arboreus*.

NOTES ON DISEASES INTERCEPTED

The sweet orange scab (*Elsinoe australis*) was intercepted 51 times; 8 of these interceptions came from Argentina on lemon and orange; 39 from Brazil on grapefruit, lemon, Mandarin orange, and orange; and 4 were of unknown origin on lemon, orange, and sour lime.

Citrus canker (*Xanthomonas citri*) was intercepted 79 times; 68 of these came from Japan, 3 each from Hong Kong and India, 2 from China, and 1 each from the Federation of Malaya, Pakistan, and Singapore. These interceptions were made from the following hosts: *Citrus* sp., grapefruit, lemon, lime, Mandarin orange, orange, pummelo, sour lime, and sour orange.

Cancrosis B (*Xanthomonas* sp.), another bacterial disease of citrus, producing symptoms similar to citrus canker, was intercepted four times from Argentina on lemon and grapefruit.

The black spot of citrus (*Phoma citricarpa*) was intercepted 165 times; 45 of these came from Hong Kong, 33 from the Union of South Africa, 25 from Japan, 21 from China, 16 from Australia, 14 of unknown origin, 2 each from the Federation of Malaya, Formosa, Philippines, and Singapore, and 1 each from Africa (country(?)), Brazil, and Thailand. These interceptions were made on the following hosts: *Citrus* sp., grapefruit, lemon, Mandarin orange, orange, Satsuma orange, sour lime, and sour orange.

Other interceptions were:

Chrysomyxa ledi var. *rhododendri* on rhododendron in air baggage, airmail, cargo, and mail from Switzerland; in airmail from Austria; and in baggage from Canada and Germany.

Griphosphaeria corticola on rose canes in aircargo from Germany.

Tilletia contraversa on rye seed in mail from Afghanistan.

Urocystis gladiolicola on gladiolus corms in cargo from the Netherlands.

"Yellow spot" virus on camellia leaves in air baggage from the Netherlands.

NEMATODES

The oat nematode (*Heterodera avenae*) was intercepted 18 times from the following countries: Czechoslovakia, England, Europe (country(?)), Germany, Israel, Italy, and Spain. These interceptions were taken in soil with the following: Automobiles, carnation, cypress, and juniper plants, dahlia roots, garlic, onions, *Ornithogalum saundersiae*, potatoes, primrose plant, spruce seedlings, and unknown plants.

The golden nematode (*Heterodera rostochiensis*) was intercepted 48 times from the following countries: Argentina, Denmark, England, Germany, Ireland, Malta, Mexico, Peru, Scotland, and Sweden. These interceptions were taken in soil from new and used automobiles and in soil with bulbs, plant material, and vegetables.

Other nematodes of special interest were:

Gottholdsteineria goodeyi in soil with unknown plants in air baggage from Ireland.

Helicotylenchus erythrinae in soil with garlic in air baggage from Ireland and in soil with unknown plants in baggage from Mexico.

Helicotylenchus multicinctus in soil with roots of banana plants in air baggage from Cuba.

Helicotylenchus nannus in soil with begonia, carnation, coleus, mint, and unknown plants and unknown herbs in baggage from Mexico; and in soil with unknown roots in air baggage from the Netherlands.

Psilenchus hilarulus with bougainvillea, hibiscus, cactus, coleus, fern, and herbaceous plants in baggage from Mexico.

Scutellonema christiei in soil with caladium plants, palm, and an unknown plant in baggage from Trinidad.

Tylenchorhynchus acutus in soil with coleus plant in baggage from Mexico; and in soil with unknown plants in air baggage from Cuba.

Tylenchorhynchus capitatus in soil with succulent and unknown plants in baggage from Mexico.

Tylenchorhynchus martini in soil with boraginaceous and India rubbertree plants in baggage from Mexico.

Tylenchulus semipenetrans with *Citrus* sp. tree in baggage from Italy.

Tylenchus davainei in soil and moss in mail from Germany.

Tylenchus polyhypnus with bougainvillea and hibiscus plants in baggage from Mexico.

The genus *Meloidogyne* continues to represent a pest problem. During the year various plant shipments and vegetables have been found infected with one or more of the following species: *Meloidogyne arenaria, M. hapla, M. incognita, M. incognita acrita,* and *M. javanica.* They were intercepted from the following countries: Argentina, Australia, Bermuda, Brazil, Canada, Canal Zone, Colombia, Cuba, Egypt, England, Fiji Islands, France, French West Africa, Germany, Guatemala, Hawaii, India, Israel, Italy, Jamaica, Japan, Kenya, Mexico, Netherlands, New Guinea, Peru, Puerto Rico, Singapore, Trinidad, Union of South Africa, and West Africa.

INCOMPLETELY DETERMINED PESTS

Frequently complete determinations as to species are impossible or impracticable due to the stage or condition of the insects or pathogens on arrival. Some of these pests may be of economic importance, hitherto unreported from the United States, unknown for the host plant, or they may come from a new country of origin. As a matter of record they are included in this separate list but not in the table form.

INSECTS

Among the incompletely determined insects were the following fruit flies:

Anastrepha sp., possibly *fraterculus,* at Charleston, S.C., in orange in stores from Brazil; and at Miami, Fla., in cherimoya in air baggage from Peru.

Anastrepha sp., probably *ludens,* at El Paso and Laredo, Tex., in orange in baggage from Mexico; at Nogales, Ariz., in mango in baggage from Mexico; at Progreso, Tex., in pear in baggage from Mexico; and at San Ysidro, Calif., in mango in baggage from Mexico.

Anastrepha sp., probably *mombinpraeoptans,* at Brownsville, Tex., in mango in air baggage from El Salvador and Nicaragua; in purple mombin in air baggage from Guatemala and Nicaragua; and in *Psidium* sp. (wild guava) in baggage from El Salvador; at Charleston, S.C., in mango in air baggage from Panama; at Jacksonville, Fla., in mango in stores from Panama; at Miami, Fla., in mango in air baggage from Colombia and Panama; and in Mandarin orange in air stores from Peru; at Mobile, Ala., in mango in quarters from Trinidad; at New Orleans, La., in guava in air baggage from Guatemala; in mango in baggage

and quarters from Ecuador; and in purple mombin in air baggage from Central America (country(?)) and Guatemala; and at San Juan, P.R., in mango in air baggage from Barbados.

Anastrepha sp., probably *serpentina*, at Brownsville, Tex., in mamey sapote in air baggage from Guatemala; and in sapodilla in air baggage from El Salvador; and at Laredo, Tex., in mamey in baggage from Mexico.

Anastrepha sp., probably *striata*, at Brownsville, Tex., in guava in air baggage from Costa Rica, El Salvador, and Nicaragua; and in guava in baggage from Mexico; at Calexico, Calif., in guava in baggage from Mexico; at Laredo, Tex., in guava in baggage from Mexico; at Miami, Fla., in mango in air baggage from Panama; and at Nogales, Ariz., in guava in baggage and cargo from Mexico.

Anastrepha sp., possibly *suspensa* (Loew), at Chicago, Ill., in guava in airmail from Puerto Rico; at Miami, Fla., in custard-apple in air baggage from the Dominican Republic; and in guava in air baggage from Cuba.

Anastrepha sp., at Baltimore, Md., in grapefruit in stores from Trinidad; and in orange in stores from Brazil and Colombia; at Baton Rouge, La., in orange in stores from Brazil; at Boston, Mass., in grapefruit, orange, and plum in stores from Brazil; at Brownsville, Tex., in guava in air baggage from El Salvador; in Malay-apple in air baggage from Costa Rica; in mango in air baggage from El Salvador, Guatemala, and Panama; and in sapote in quarters from Mexico; at Chicago, Ill., in guava in airmail from Puerto Rico; at Del Rio, Tex., in mango in baggage from Mexico; at El Paso, Tex., in guava and mango in baggage from Mexico; at Galveston, Tex., in mango in quarters from Jamaica; at Hidalgo, Tex., in orange in cargo from Mexico; at Houston, Tex., in orange in stores from Peru; and in Japanese plum in stores from Argentina; at Jacksonville, Fla., in grapefruit in stores from Brazil; at Laredo, Tex., in mamey sapote, mango, and pear in baggage from Mexico; at Miami, Fla., in bullock's-heart in air baggage from Ecuador; in *Cereus* sp. in air baggage from Colombia; in cherimoya in air baggage from Ecuador; in coffee berries in air baggage from Brazil, Colombia, and Costa Rica; in custard-apple in air baggage from Peru; in grapefruit in air baggage from Colombia; in guava in air baggage from Costa Rica and Cuba; in Mandarin orange in air stores from an unknown origin; in mango in air baggage from Chile, Colombia, El Salvador, and Peru; in orange in air baggage from Colombia; in orange in air stores from Brazil; in pomegranate in air baggage from Argentina; in purple mombin in cargo from Costa Rica; and in *Ximenia americana* in air baggage from Colombia and Nicaragua; at New Orleans, La., in orange in stores from Mexico; in purple mombin in air baggage from Guatemala; in star-apple in air baggage from Mexico; and in tropical almond in air baggage from Venezuela; at New York, N.Y., in mango in air baggage from Jamaica; in orange in air stores from an unknown origin; in sapodilla in air quarters from Venezuela; and in *Spondias* sp. in baggage from Venezuela; at Nogales, Ariz., in guava, mango, *Myrtus ehrenbergii*, and orange in baggage from Mexico; at Philadelphia, Pa., in orange in stores from Brazil; at San Juan, P.R., in coffee berries in air baggage from Brazil; in grapefruit in baggage from Trinidad; and in *Spondias* sp. in air baggage from Venezuela; at San Pedro, Calif., in guava in air baggage from Nicaragua; at San Ysidro, Calif., in mango in baggage from Mexico; at Tampa, Fla., in mango in quarters from Cuba; and in orange in stores from Argentina; and at Washington, D.C., in *Psidium* sp. in express from Brazil.

Dacus sp., possibly *passiflorae* Frogg., at Honolulu, Hawaii, in Tahiti-chestnut in air baggage from the Fiji Islands.

Dacus sp., perhaps *psidii* (Frogg.), at Honolulu, Hawaii, in Tahiti-chestnut in air baggage from American Samoa.

Dacus sp. at Boston, Mass., in cucumber and squash in stores from French West Africa; at Honolulu, Hawaii, in coffee berry in preflight inspection of air baggage leaving Hawaii for the mainland; and in peach in baggage from Australia; and at New York, N.Y., in *Citrus* sp., probably *reticulata*, in air baggage from Pakistan.

Rhagoletis sp., probably *cerasi*, at Boston, Mass., in cherry in air stores from an unknown origin.

Rhagoletis sp. at Brownsville, Tex., in apple in baggage from Mexico; and in *Crataegus* sp. in baggage from Mexico; at Del Rio and Eagle Pass, Tex., in apple in baggage from Mexico; at El Paso, Tex., in *Crataegus* sp. in baggage from Mexico; at Galveston, Tex., in apple in stores from Mexico; at Laredo, Tex., in apple in baggage from Mexico; at New York, N.Y., in apple in stores from Mexico; at Nogales, Ariz., in apple and *Crataegus* sp. in baggage from Mexico; and at San Antonio, Tex., in apple in air baggage from Mexico.

Thirty interceptions identified to family only, Tephritidae, were intercepted at the following ports: Baltimore, Md., in mango in stores from India; at Baton Rouge, La., in orange in stores from an unknown origin; at Boston, Mass., in cucumber in stores from French West Africa; in guava in air baggage from the Azores; and with mixed cut flowers in air baggage from France; at Brownsville, Tex., in apple in baggage from Mexico; and in mango in air baggage from Nicaragua; at Hoboken, N.J., in franchet cotoneaster in mail from Italy; and in palm fruit in mail from Borneo; at Honolulu, Hawaii, in coffee berry, guava, and vi-apple in preflight inspection of baggage leaving Hawaii for the mainland; at Jacksonville, Fla., in courbaril seed and seed of *Enterolobium cyclocarpum* in baggage from Panama; at Laredo, Tex., in pecan husk in baggage from Mexico; at Miami, Fla., in chayote in air baggage from Brazil; and in quince in air stores from Peru; at New Orleans, La., in sour orange in stores from Colombia; at New York, N.Y., in cucurbit in air stores from an unknown origin; in cotton boll in baggage from Greece; and in pricklypear in baggage from Italy; at Nogales, Ariz., pupa with yucca plant in cargo from Mexico; at San Antonio, Tex., in Mandarin orange in air baggage from Mexico; at San Francisco, Calif., in cucumber in stores from Hawaii; and in mango in baggage from Hawaii; and at Washington, D.C., in *Solanum etuberosum* fruit in mail from Chile.

An adult of *Tephritis* sp. at New York, N.Y., in hay packing in baggage from Norway.

Other incompletely determined insects worthy of mention were:

An aleyrodid, Aleurodicinae, new genus near *Aleurodicus*, at Laredo, Tex., on orchid leaf in cargo from Mexico; and at Nogales, Ariz., on orchid leaf in cargo from Mexico.

Allocorhynus sp. (Curculionidae), a very interesting group, apparently confined to cycads, at Brownsville, Tex., in *Dion edule* in cargo from Mexico.

Alydus sp. (Coreidae), new to the National Museum collection, at Charlotte Amalie, St. Thomas, with cabbage in baggage from Tortola.

Anchonini (Curculionidae), near *Anchonus*, a very interesting weevil, not in the National Museum collection, at New York, N.Y., with ginger in cargo from Cuba.

Andrector sp., probably *salvini* (Baly) (Chrysomelidae), at New York, N.Y., with peas in aircargo from Venezuela.

Andrector sp., probably *variabilis* Jac. (Chrysomelidae), at San Pedro, Calif., on an orchid plant in mail from the Canal Zone.

Archips sp. (Tortricidae) at Boston, Mass., with canna plants in baggage from Italy.

Aspidiotus sp. (Coccidae), not placed as a described species, was intercepted eight times at six different ports on fruits and plant material from the following countries: Brazil, China, Ecuador, Ghana, and Mexico.

Asterolecanium sp. (Aleyrodidae), apparently undescribed, at Miami, Fla., on palm leaf in airmail from the Canal Zone.

Aulacaspis sp. (Coccidae), an undescribed species, at Hoboken, N.J., on pseudobulb of *Coelogyne* sp. in cargo from India.

Baris sp. (Curculionidae) at Baltimore, Md., in horseradish in cargo from Germany; and at New York, N.Y., in horseradish in cargo from Poland.

Batrachedra sp. (Cosmopterygidae), probably a new species, at Brownsville, Tex., with *Yucca* sp. cuttings in baggage from Mexico; and at San Ysidro, Calif., with agave cuttings in baggage from Mexico.

Brachyrhinus sp. (Curculionidae) at New York, N.Y., in soil with primrose plants in baggage from Belgium.

Bruchus sp. (Bruchidae), apparently new to the National Museum collection, at Boston, Mass., in *Lathyrus* sp. seed in air baggage from the Azores.

Bryobia sp. (Tetranychidae), apparently a new species, at Seattle, Wash., on chrysanthemum in quarters from Japan.

Carposina sp. (Carposinidae) at Hoboken, N.J., in kobus magnolia seed in cargo from Japan; and at New York, N.Y., in unknown berries in baggage from Greece.

Crioceris sp. (Chrysomelidae) at Chicago, Ill., on asparagus fern in air baggage from Germany; and on asparagus fern in air quarters from England.

Diaprepes sp. (Curculionidae) at New York, N.Y., in yam in baggage from Jamaica; and at San Juan, P.R., in cargo leaving for the mainland.

Epicaerus sp. (Curculionidae) was intercepted 18 times at 9 different ports in potatoes in baggage and stores from Mexico.

An eriophyid mite, apparently undescribed genus and species, at Boston, Mass., on a beech cutting in air baggage from England.

"Eulia" sp. (Tortricidae) at New York, N.Y., in grape, nectarine, peach, and plum in cargo from Chile.

Gnorimoschema sp. (Gelechiidae), probably a new species and not any of the species heretofore associated with potato, at Mobile, Ala., in potato in stores from Honduras.

Gymnandrosoma sp. (Olethreutidae) at New Orleans, La., in genip in air baggage from Guatemala and in orange in quarters from Brazil; at Miami, Fla., in guava in air baggage from Cuba and in mangrove plant in air baggage from Grand Cayman; at Nogales, Ariz., in *Byrsonima crassifolia* in baggage from Mexico; and in guava in preflight inspection of baggage leaving San Juan, P.R., for the mainland.

Lepidosaphes sp. (Coccidae), not known to occur in the United States, at Washington, D.C., on *Angraecum compactum* in mail from England.

Leptinotarsa sp. (Chrysomelidae), new to the National Museum collection, at Brownsville, Tex., on banana in cargo from Mexico.

Ligyrocoris sp. (Lygaeidae), very unusual and not in the National Museum collection, at New Orleans, La., on banana in cargo from Ecuador.

Lixus sp. (Curculionidae) at Baltimore, Md., in beet in cargo from Algeria; at New Orleans, La., in beet in stores from England; and at Philadelphia, Pa., in beet in stores from Egypt and in celery in stores from Morocco.

Myrmex sp. (Curculionidae) at Honolulu, Hawaii, on *Epidendrum stenopetalum* stem in airmail from the Canal Zone.

Palaeopus sp. (Curculionidae) at New Orleans, La., in yam in air baggage from Jamaica; and at New York, N.Y., in yam in air baggage from Jamaica.

Premnotrypes sp. (Curculionidae) at Galveston, Tex., in potato in stores from Ecuador; at New Orleans, La., in potato in stores from Peru; and at New York, N.Y., in *Solanum* sp. tuber in baggage from Peru.

Pseudococcus sp. (Coccidae), not placed as a described species, was intercepted 32 times at 9 different ports on various plant material from the following countries: Azores, Brazil, Canal Zone, Costa Rica, Cuba, England, France, Guatemala, Indonesia, Jamaica, Marshall Islands, Mexico, Monaco, Panama, and Philippines.

Spermophagus sp. (Bruchidae) at Houston, Tex., with *Ipomoea pes-caprae* seed in air baggage from Liberia.

DISEASES

Incompletely determined pathogens worthy of mention were:

Asterina sp., apparently undescribed, at San Francisco, Calif., on *Banksia ericifolia* in aircargo from Australia.

Cercospora sp. at San Juan, P.R., on *Wedelia trilobata* leaf in air baggage from British Guiana.

Colletotrichum sp. at Brownsville, Tex., on *Reinhardtia* sp. leaf in cargo from Mexico.

Cytospora sp. at San Francisco, Calif., and Seattle, Wash., on tree peonies in cargo from Japan.

Guignardia sp. at New Orleans, La., on tropical almond leaf in air baggage from Cuba.

Helminthosporium sp. at Miami, Fla., on *Epidendrum stenopetalum* leaf in aircargo from Panama.

Hendersonia sp. at Nogales, Ariz., on *Calocarpum* sp. and sapote in baggage from Mexico.

Leptosphaeria sp., probably undescribed, at Miami, Fla., on bromeliad leaf in aircargo from the Canal Zone.

Monochaetia sp.(?) at Nogales, Ariz., on *Lucuma* sp. in baggage from Mexico.

Phomopsis sp., probably the "A" spores, at Washington, D.C., on bougainvillea plant in mail from Portugal; *Phomopsis* sp., apparently undescribed, at San Pedro, Calif., on *Persea* sp. in air baggage from Guatemala.

Phyllostictina sp. at New Orleans, La., on tropical almond leaf in air baggage from Cuba.

Puccinia sp., apparently undescribed, at Miami, Fla., on *Oncidium* sp. leaf in aircargo from Ecuador; *Puccinia* sp. at Miami, Fla., on *Oncidium* sp. leaf in air baggage from Mexico.

Septoria sp. at New Orleans, La., on anthurium flower petal in quarters from Trinidad(?); at Houston, Tex., on lily in air baggage from Mexico; and at Washington, D.C., on *Quaresmeira roxa* in air express from Brazil.

NEMATODES

Aphelenchoides sp. at Boston, Mass., with Chinese vegetables in cargo from Hong Kong; with unknown greens in air stores from Italy; with unknown plants, in soil with gladiolus corms, and in soil with unknown bulbs and roots in air baggage from the Azores; in unknown roots in air baggage from England; and in soil with parsnips and turnips in stores from the Canary Islands; at Brownsville, Tex., in *Hypochoeris* sp. in air baggage from Argentina; at El Paso, Tex., in soil with amaryllis bulbs, hydrangea, and various plants in baggage from Mexico; at Hoboken, N.J., in colchicum corms in cargo from the Netherlands; and in primrose seed in mail from England; at Laredo, Tex., in chrysanthemum roots in baggage from Mexico; at New Orleans, La., in garlic in transiting cargo from Mexico; at New York, N.Y., in *Dicentra* sp. and *Trollius* sp. roots in aircargo from the Netherlands; at Nogales, Ariz., in soil with bougainvillea and assorted unknown plants in baggage from Mexico; and at Norfolk, Va., in soil with palm plants in baggage from Trinidad.

Aphelenchus sp. at Baltimore, Md., in soil with leeks in stores from Denmark; at Boston, Mass., in soil with bulbs, roots, and unknown plants in air baggage from the Azores; at Brownsville, Tex., in lily roots in baggage from Mexico; at Calexico, Calif., in *Euphorbia* sp. roots in baggage from Mexico; at El Paso, Tex., in soil with amaryllis bulbs and *Gasteria* sp. in baggage from Mexico; at Hoboken, N.J., in dahlia roots in mail from Germany; at Laredo, Tex., in chrysanthemum roots in baggage from Mexico; at Miami, Fla., in soil on roots of banana in air baggage from Cuba; and in soil on roots of unknown plant in air baggage from Argentina; at Nogales, Ariz., in soil with coleus and unknown plants in baggage from Mexico; and at Norfolk, Va., in soil with caladium plant in baggage from Trinidad.

Criconema sp. at Laredo, Tex., in soil with an unknown plant in baggage from Mexico; and at Seattle, Wash., in soil with a dwarf sweet lime tree in baggage from Japan.

Criconemoides sp. at Laredo, Tex., in soil with mango seedling in baggage from Mexico; at Miami, Fla., in soil on cactus roots in air baggage from Chile; and at New Orleans, La., in soil with mint roots in air bagage from Honduras.

Ditylenchus sp. at Boston, Mass., in dasheens in stores from Cuba; at Brownsville, Tex., in soil with *Chamaedorea* sp. plants in baggage from Mexico; at Calexico, Calif., in garlic in baggage from Mexico; at Hoboken, N.J., in colchicum corms in cargo from the Netherlands; and in hop roots in airmail from Germany; and at New Orleans, La., in garlic in cargo from Mexico.

Gottholdsteineria sp. at Boston, Mass., in garlic in stores from France; at Eagle Pass, Tex., in unknown plant in baggage from Mexico; and at Laredo, Tex., in soil with dahlia roots in mail from Germany.

Helicotylenchus sp. at Boston, Mass., in soil with callas, citrus, *Mesembryanthemum* sp., miscellaneous plants, and sedum in air baggage from the Azores; in soil with grape and oleander cuttings in air baggage from Italy; in soil with ivy plants in air baggage from Germany; in soil with petrea flat wood in air baggage from the Union of South Africa; and in soil with spruce tree in baggage from Canada; at Brownsville, Tex., with bougainvillea and royal poinciana plants in baggage from Mexico; in soil with *Chamaedorea* sp. plants in air baggage from Nicaragua; at Eagle Pass, Tex., with unknown plant in baggage from Mexico; at El Paso, Tex., with peperomia plant in baggage from Mexico; at Laredo, Tex., in lemon grass roots, in soil for analysis, and in soil with begonia, gardenia, and succulent plants, and roots of unknown plants in baggage from Mexico; in soil with dracaena plants in express from Cuba; and with unknown plants in baggage and cargo from Mexico; at Miami, Fla., in soil on banana roots and roots of miscellaneous plants in air baggage from Cuba; in soil near roots of coffee plants in air baggage from Guatemala; in soil with fern roots in airmail from Bolivia; and in soil near roots of *Pilea* sp. in air baggage from Peru; at New Orleans, La., in soil with mint roots in air baggage from Honduras; at Nogales, Ariz., in soil with lily bulbs in baggage from Mexico; at Presidio, Tex., in soil with cactus and portulaca plants in baggage from Mexico; at San Juan, P.R., in soil with philodendron plants in air baggage from Puerto Rico; and at Washington, D.C., in soil with olive trees in mail from Italy.

Hemicycliophora sp. at Nogales, Ariz., in soil with lily bulbs in baggage from Mexico.

Heterodera sp., possibly *trifolii* (Goffart) Oostenbrink, at San Pedro, Calif., in soil with shamrock roots in aircargo from Ireland.

Other members of the genus *Heterodera* were intercepted 208 times at 26 ports from the following countries: Argentina, Austria, Azores, Belgium, Cape Verde Islands, Chile, Denmark, Egypt, England, France, Germany, Iceland, Ireland, Italy, Japan, Korea, Malta, Mexico, Morocco, Netherlands, New Zealand, Northern Ireland, Norway, Poland, Scotland, Spain, Sweden, Switzerland, and Turkey. These interceptions were made from soil samples, sand ballast, and soil with the following: New and used automobiles, army equipment, bark, cereal straw jackets, conex boxes, flower bulbs, roots, and tubers, gladiolus corms, lily-of-the-valley pips, old bagging, plants, on shoes, and vegetables.

Hoplolaimus, new species, at Laredo, Tex., in soil with philodendron plants in baggage from Mexico.

Hoplolaimus sp. at Boston, Mass., with unknown plants and in soil with arborvitae plants in air baggage from the Azores.

Meloidogyne sp. probably new species closely related to *brevicauda* Loos, at New York, N.Y., with yams in baggage from Nigeria.

Meloidogyne sp. at Boston, Mass., in dasheens in air baggage from the Azores and Portugal and in stores from Cuba; at Hoboken, N.J., in *Achimenes* sp. tubers in mail from India; in calla lily tubers in cargo from Italy; in astilbe roots in cargo from the Netherlands; in clematis roots in mail from England and in cargo from the Netherlands; in *Curcuma roscoeana* and *C. zedaria* tubers in mail from the Netherlands; in *Kaempferia* spp. tubers in cargo and mail from India and the Netherlands; in Japanese iris roots in cargo from Japan; in peony roots in cargo from the Netherlands and in mail from England; in *Reichsteineria macropoda* roots in cargo from the Netherlands; and in *Thomsonia nepalensis* tubers and in tuberose in mail from India; at Laredo, Tex., in begonia tubers, coriander roots, and ivy roots in baggage from Mexico; at Miami, Fla., in soil with *Aphelandra* sp. roots in aircargo from the Netherlands; in soil with cactus roots in air baggage from Chile; and in soil with *Pittosporum* sp. roots in aircargo from the Netherlands; at New Orleans, La., in potatoes in stores from Italy and Japan; at New York, N.Y., in *Achimenes* sp. tubers in aircargo from India; and in gladiolus corms in cargo from Japan; at Nogales, Ariz., in soil with unknown plants in baggage from Mexico; at San Diego, Calif., in yam in stores from Japan; and at San Pedro, Calif., in dahlia roots in cargo from Japan.

Pratylenchus sp. at Boston, Mass., in soil with dasheens in air baggage from Portugal; at Douglas, Ariz., in soil sample in air baggage from Mexico; at El Paso, Tex., in soil with mint plants in baggage from Mexico; at Hoboken, N.J., in clematis roots in cargo from the Netherlands and in mail from England; in fortune plantainlily roots in cargo from the Netherlands; in iris roots in mail from England and the Netherlands and in cargo from Japan; in *Ligularia clivorum* roots in mail from England; and in roots of *Physostegia* sp., western bleedingheart, and yucca in cargo from the Netherlands; at Laredo, Tex., in chrysanthemum roots in baggage from Mexico; at New York, N.Y., in Kamchatka bugbane roots in aircargo from the Netherlands; at Nogales, Ariz., in soil with lily bulbs in baggage from Mexico; and at San Francisco, Calif., in lily-of-the-valley pips in cargo from Denmark.

Psilenchus sp. at El Paso, Tex., in soil with plants in baggage from Mexico; and at Nogales, Ariz., in soil with caladium tubers in baggage from Mexico.

Radopholus sp., near *gracilis* (de Man) Hirschmann, at Boston, Mass., in waterchestnuts in cargo from Hong Kong.

Radopholus sp. at Boston, Mass., in unknown roots in stores from Egypt.

Rotylenchulus sp. at Norfolk, Va., in soil with palm plants in baggage from Trinidad.

Rotylenchus sp. at Boston, Mass., in soil with *Arctostaphylos* sp. plant in baggage from Ireland; in soil with narcissus bulbs in aircargo and in soil with petrea flat wood in air baggage from the Union of South Africa; and in soil with tulip bulbs in mail from Germany; at Hoboken, N.J., in *Cladrastis* sp. roots in cargo from the Netherlands; at Laredo, Tex., in sansevieria roots in cargo from Mexico; and at Miami, Fla., in soil near roots of *Pilea* sp. in air baggage from Peru.

Scutellonema sp., near *bradys*, at Boston, Mass., in soil with begonia(?) plant in quarters from Belgian Congo.

Scutellonema sp. at Laredo, Tex., in soil with gardenia plants in baggage from Mexico; and at Nogales, Ariz., in soil with amaryllis bulbs in baggage from Mexico.

Tylenchorhynchus sp. at Baltimore, Md., in soil with leeks in stores from Denmark and the Netherlands; at Boston, Mass., with unknown flowering plants in air baggage from Greece; at Brownsville, Tex., with *Chamaedorea* sp. plants, *Pilea* sp. plants, and royal poinciana in baggage from Mexico; at Nogales, Ariz., in soil with bromeliad plants in baggage from Mexico; at Washington, D.C., in soil with olive trees in mail from Italy; and at Ysleta, Tex., in soil with portulaca plants in baggage from Mexico.

Tylenchus sp. at Boston, Mass., in soil with fern asparagus and "Spider" plant in air baggage from Germany; in soil with heather in air baggage from Scotland; and in soil with oleander plant in air baggage from Italy; at Brownsville, Tex., with bougainvillea plant in baggage from Mexico; at Douglas, Ariz., in soil sample in air baggage from Mexico; at El Paso, Tex., in soil with poinsettia and unknown plants in baggage from Mexico; at Laredo, Tex., with begonia tuber in baggage from Mexico; at Miami, Fla., in soil on roots of anthurium in air baggage from Colombia; in soil with roots of *Aphelandra* sp. in aircargo from the Netherlands; in soil on cactus roots in air baggage from Chile; and in soil on unknown plant roots in air baggage from Argentina; at Nogales, Ariz., in soil with bean plants, bromeliad plants, lily bulbs, and an unknown plant in baggage from Mexico; at Norfolk, Va., in rice straw rug in cargo from Japan; and in soil with palm plants in baggage from Trinidad; at San Antonio, Tex., in soil with wandering-jew plant in air baggage from Mexico; and at Ysleta, Tex., in soil with portulaca plant in baggage from Mexico.

Xiphinema sp. at Laredo, Tex., with lily bulbs and in soil around roots of royal poinciana plant in baggage from Mexico; and at Nogales, Ariz., in soil with an unknown plant in baggage from Mexico.

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease
	Number	*Number*
Africa:		
Africa (country (?))	0	2
Algeria	3	0
Anglo-Egyptian Sudan	1	0
Angola	1	0
Belgian Congo	1	0
Canary Islands	2	0
Cape Verde Islands	1	0
Egypt	5	1
Ethiopia	0	1
French West Africa	6	5
Ghana	1	0
Kenya	3	3
Liberia	1	0
Libya	2	0
Madeira Islands	1	0
Mediterranean Region	1	0
Morocco	32	0
Nigeria	3	0
Rhodesia	1	0
Sierra Leone	1	0
Tanganyika	1	0
Tunisia	4	0
Union of South Africa	25	45
West Africa	0	1
Asia:		
Afghanistan	0	1
Ceylon	2	0
China	7	30
Formosa	26	2
Federation of Malaya	4	3
Hong Kong	10	49
India	20	11
India(?)	1	0
Indonesia	7	0
Iran	5	0
Israel	10	3
Japan	558	275
Japan(?)	3	0
Korea	2	0
Lebanon	7	0
Nepal	1	0
New Caledonia	1	0
Pakistan	0	2
Singapore	5	5
Thailand	6	1
Turkey	1	1
Vietnam	2	0
Australasia:		
American Samoa	1	4
Australia	35	37
Australia(?)	1	0
Christmas Island	0	1
Eniwetok(?)	1	0
Fiji Islands	4	1
Guam	17	2
Hawaii	583	8
Kwajalein	2	0
Marshall Islands	1	0
Midway Islands	1	0
New Guinea	2	4
New Zealand	2	5
Norfolk Island	0	7
Palmyra Island	2	0
Philippines	34	2
Ponape	2	0
South Pacific	2	0
Sumatra	1	0

Country	Insect	Disease
	Number	*Number*
Australasia—Continued		
Tahiti	4	0
West Pacific	3	0
Europe:		
Austria	1	1
Azores	14	1
Belgium	16	6
British Isles	0	1
Czechoslovakia	0	1
Denmark	4	3
England	57	63
England(?)	0	1
Europe (country(?))	0	2
Finland	1	0
France	50	7
France(?)	1	0
Germany	34	27
Greece	22	4
Ireland	9	7
Italy	284	43
Malta	0	1
Monaco	1	0
Netherlands	55	50
Northern Ireland	1	0
Norway	1	2
Poland	4	0
Portugal	37	7
Portugal(?)	1	0
Scotland	14	8
Spain	35	8
Sweden	8	2
Sweden(?)	1	0
Switzerland	5	37
Yugoslavia	3	0
North America:		
Bermuda	15	4
Canada	8	16
Canal Zone	68	8
Central America:		
British Honduras	13	3
Central America (country (?))	3	1
Costa Rica	29	16
El Salvador	41	3
Guatemala	48	8
Honduras	16	3
Nicaragua	19	1
Panama	61	5
Panama(?)	1	0
Mexico	578	382
West Indies:		
American Virgin Islands	2	0
Antigua	4	0
Aruba	1	0
Bahamas	24	2
Barbados	10	0
British West Indies	2	0
Cuba	73	16
Dominican Republic	23	3
Eleuthera Island	1	0
Grand Cayman	1	0
Grenada	1	0
Haiti	11	0
Jamaica	52	5
Martinique	1	0
Puerto Rico	30	7
St. Kitts	2	0
St. Lucia	1	0

Summary of Numbers of Interceptions Listed in Main Table—Continued

Country	Insect	Disease
North America—Continued	*Number*	*Number*
West Indies—Continued		
Tortola	6	0
Trinidad	25	8
South America:		
Argentina	9	16
Bolivia	1	0
Brazil	45	62
British Guiana	6	1
Chile	69	0
Colombia	17	3
Ecuador	78	2
Paraguay	1	0
Peru	7	5
Surinam	0	1
Uruguay	0	1
Venezuela	22	3

Country	Insect	Disease
Total:	*Number*	*Number*
Africa	96	58
Asia	678	383
Australasia	698	71
Europe	659	282
North America	1,170	485
South America	255	94
Unknown	25	25
Total	3,581	1,398
Total incompletely determined pests	2,279	688
Total insect interceptions	5,860	
Total disease interceptions		2,086
Grand total		[1] 7,946

[1] This total represents only pests of known or potential plant quarantine importance or certain organisms of scientific importance. The total of all interceptions made during the year was 18,198.

NOTE.—Interceptions were also made from Borneo, Burma, Dominica, Gibraltar, Greenland, Guadeloupe, Iceland, Iraq, Marquesas Islands, Nevis, St. Martin, St. Michael, Somaliland, Swaziland, Syria, Union of Soviet Socialist Republics, Virgin Islands, and Wales.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
Acalymma trivittata (Mann.) (Chrysomelidae):					
Brassica rapa (turnip)	Mexico	1			Tex.
Acalypta brunnea (Germ.) (Tingidae):					
Saintpaulia ionantha (African violet)	Germany			1	Ill.
Acanthoscelides armitagei (Pic) (Bruchidae):					
Cajanus cajan (pigeonpea)	Aruba, Panama	2			N.Y.
Acanthoscelides griseolus (Fall.) (?) (Bruchidae):					
Sesbania sp.	Mexico	1			Calif.
Acanthoscelides spinipes (Er.) (Bruchidae):					
Lupinus sp. (lupine)	Italy	1			N.Y.
Vicia faba (broadbean)	do	1			N.Y.
Aceria macrochelus (Nal.) (Eriophyidae):					
Acer sp. (maple)	France		1		Mass.
Aceria tulipae (Keif.) (Eriophyidae):					
Allium sativum (garlic)	Poland	1			Mass.
Achatina fulica Fer. (Mollusca):					
Military cargo	Guam	2			Calif.*
Acledra fraterno (Stal) (Pentatomidae):					
Vitis sp. (grape)	Chile	1			N.Y.
Aclerda yunnanensis Ferris (Coccidae):					
Grass	Philippines	1			Calif.*
Acrolepia assectella (Zell.) (Hyponomeutidae):					
Allium porrum (leek)	Belgium, France, Italy, Netherlands.		5		Pa.
Brassica rapa (turnip)	Unknown		1		La.
Acrosternum heegeri (Fieber) (Pentatomidae):					
Citrus sinensis (orange)	Israel	1			N.Y.
Adleria kollari (Htg.) (Cynipidae):					
Quercus cerris (European Turkey oak)	Italy	1			N.Y.
Adoretus sinicus (Burm.) (Scarabaeidae):					
Airplane	Hawaii, Japan, unknown		4		Hawaii.
Baggage	Hawaii	1			Hawaii.
Beans	do	1			Hawaii.
Flowers	do	1			Hawaii.
Operculina tuberosa	do	1			Hawaii.
Mail parcel	do	1			Hawaii.
Adozophyes orana (F.R.) (Tortricidae):					
Syringa sp. (lilac)	Netherlands	2			N.Y.
Aganactesis indecora Dyar (Galleriidae):					
Cassia fistula (golden-shower)	Trinidad, Venezuela	1		2	Fla., N.Y., P.R.
Cassia sp.	Cuba, Trinidad	1		1	N.Y.
Agonoxena argaula Meyr. (Agonoxenidae):					
Cocos nucifera (coconut)	Palmyra Islands			1	Hawaii.
Agrotis exusta (Btlr.) (Noctuidae):					
Airplane	Japan		1		Hawaii.
Aleurocanthus woglumi Ashby (Aleyrodidae):					
Citrus aurantifolia (lime)	Mexico		1		Calif.*
Citrus aurantium (sour orange)	Nicaragua	1			Tex.
Citrus sinensis (orange)	Mexico	5			Ariz., Tex.
Citrus sp.	Mexico, Nicaragua	9			Ariz., Tex.
Aleuroglandulus emmae Rsl. (Aleyrodidae):					
Orchid	Mexico			1	Tex.
Aleurolobus olivinus Silvestri (Aleyrodidae):					
Olea europaea (olive)	Italy	1			N.Y.
Aleuroparadoxus gardeniae Rsl. (Aleyrodidae):					
Gardenia augusta (gardenia)	Mexico	1			Tex.
Aleuroplatus plumosus (Q.) (Aleyrodidae):					
Laurus nobilis (Grecian laurel)	England		1		Mass.
Aleuroplatus variegatus Q. & B. (Aleyrodidae):					
Collinia elegans	Mexico	1			Tex.
Aleurothrixus floccosus (Mask.) (Aleyrodidae):					
Citrus sinensis (orange)	Brazil, Mexico	1	2		Calif.,* Pa., Tex.
Citrus sp.	Dominican Republic, Mexico, Nicaragua.	4			P.R., Tex.
Aleurothrixus myrtacei Bondar (Aleyrodidae):					
Citrus sinensis (orange)	Brazil		1		Pa.
Aleurotrachelus camelliae (Kuw.) (Aleyrodidae):					
Camellia japonica (camellia)	Japan			1	D.C.
Camellia sasanqua (sasanqua camellia)	do			4	D.C.

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Aleurotuberculatus aucubae (Kuw.) (Aleyrodidae):					
Ilex crenata (Japanese holly)	Japan			1	D.C.
Aleurotuberculatus magnoliae Takah. (Aleyrodidae):					
Corylopsis spicata	do			1	D.C.
Aleurotuberculatus similis Takah. (Aleyrodidae):					
Ilex crenata (Japanese holly)	do			4	D.C.
Ilex integra leucoclada	do			1	D.C.
Ilex rugosa	do			2	D.C.
Ilex sugeroki	do			2	D.C.
Vaccinium axillare	do			1	D.C.
Aleyrodes lonicerae Wlk. (Aleyrodidae):					
Fragaria sp. (strawberry)	Germany			1	N.J.
Soil with unknown plant	Austria			1	N.Y.
Amblycephalus spectrus (Dist.) (Cicadellidae):					
Airplane	Japan(?)		1		Hawaii.
Amitermes wheeleri (Desne) (Termitidae):					
Cactus	Mexico			1	Tex.
Amphelasma decoratum (Jac.) (Chrysomelidae):					
Orchid	do			1	Ariz.
Amyssonotum rastratum flexum McA. & Mall. (Pentatomidae):					
Pleurothallis sp. (orchid)	do			1	Tex.
Anacraga sofia Dyar (Dalceridae):					
Orchid	do			1	Tex.
Anaphothrips orchidaceus Bagn. (Thripidae):					
Laelia anceps (orchid)	do			1	Tex.
Anastrepha ludens (Loew) (Tephritidae):					
Calocarpum sapota (mamey sapote)	do	1			Tex.
Citrus aurantifolia (sweet lime)	do	10			Ariz., Tex.
Citrus aurantium (sour orange)	do	1			Tex.
Citrus paradisi (grapefruit)	do	10	1		La., Tex.
Citrus sinensis (orange)	Guatemala, Mexico	62	11		Ala., Ariz., Fla., La., N.Y., Pa., Tex.
Cydonia oblonga (quince)	Mexico	7			Tex.
Mangifera indica (mango)	do	70	1		Ala., Ariz., Calif., Tex.
Persea americana (avocado)	do	1			Tex.
Prunus persica (peach)	do	1			Tex.
Punica granatum (pomegranate)	do	1			Tex.
Anastrepha mombinpraeoptans Sein (Tephritidae):					
Eugenia malaccensis (Malay-apple)	Guatemala	1			Tex.
Mangifera indica (mango)	Central America, Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico.	101	8		Ala., Ariz., Calif., Calif.,* Fla., Ill., La., Md., N.Y., P.R., S.C., Tex.
Psidium guajava (guava)	Mexico	1			Fla.
Spondias mombin (yellow mombin)	Honduras(?), Nicaragua	3			Calif.*
Spondias purpurea (purple mombin)	Central America, El Salvador, Guatemala, Honduras, Nicaragua.	12	1		La., Tex.
Unknown	Mexico			1	Tex.
Anastrepha mombinpraeoptans Sein(?) (Tephritidae):					
Spondias mombin (yellow mombin)	Trinidad	1			Fla.
Anastrepha serpentina (Wied.) (Tephritidae):					
Calocarpum sapota (mamey sapote)	Mexico	2			Calif.
Lucuma psammophila	Brazil			2	D.C.
Anastrepha striata Schin.(?) (Tephritidae):					
Psidium guajava (guava)	Mexico	1			Ariz.

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Ancylostomia stercorea (Zell.) (Phycitidae):					
Bean	Panama	1			Fla.
Cajanus cajan (pigeonpea)	Bahamas, Dominican Republic, Panama, Puerto Rico, St. Kitts, Tortola.	25			Fla., N.Y., St. Thomas and St. John.
Pisum sativum (pea)	Bahamas, Panama	6			Fla.
Andrector atrofasciata (Jac.) (Chrysomelidae):					
Tillandsia sp	Mexico			1	Tex.
Andrector ruficornis (Oliv.) (Chrysomelidae):					
Bean	Cuba	1			Fla.
Anoecia corni (F.) (Aphidae):					
Cornus sp	England			1	D.C.
Anomala orientalis Waterh. (Scarabaeidae):					
Baggage	Hawaii	1			Hawaii.
Anthonomus rectirostris (L.) (Curculionidae):					
Prunus serotina (black cherry)	Belgium			1	N.J.
Antonina graminis (Mask.) (Coccidae):					
Cynodon sp	Tanganyika			1	D.C.
Panicum purpurascens (para grass)	Philippines			1	D.C.
Aonidiella citrina Coq. (Coccidae):					
Orchid	Jamaica			1	Fla.
Aonidiella comperei Mask. (Coccidae):					
Jasminum sp. (jasmine)	do			1	Fla.
Aonidiella inornata McKenzie (Coccidae):					
Citrus grandis (pummelo)	Philippines	1			Hawaii.
Citrus limon (lemon)	India			1	D.C.
Citrus reticulata (Mandarin orange)	Guam	2			Calif.,* Hawaii.
Cocos nucifera (coconut)	do	4	1		Hawaii.
Cycas sp.	Philippines			1	Calif.*
Aonidiella lauretorm (Ldgr.) (Coccidae):					
Ilex latifolia	Portugal			1	D.C.
Apion carduorum Kirby (Curculionidae):					
Cynara scolymus (globe artichoke)	Italy	1			Mass.
Apion griseum Sm. (Curculionidae):					
Phaseolus vulgaris var. (string bean)	Mexico	2			Tex.
Araecerus levipennis Jord. (Anthribidae):					
Leucaena glauca	Hawaii	29			Hawaii
Arge pullata (Zadd.) (Argidae):					
Betula sp. (birch)	Finland			1	N.Y.
Argyresthia conjugella (Zell.) (Hyponomeutidae):					
Malus sylvestris (apple)	England, Germany, Ireland, Italy, Sweden, unknown.	5	3		N.Y., Tex.
Arion circumscriptus Johnston (Mollusca):					
Soil with fir trees	Canada			1	N.J.
Soil with gladiolus bulbs	Germany			1	N.J.
Soil with unknown plant	Italy			1	N.Y.
Aspidiotus aesculi Johns. (Coccidae) (tentative):					
Unknown twig	Mexico	1			Ariz.
Aspidiotus abietis (Schrank) (Coccidae):					
Tsuga sp. (hemlock)	Sweden(?)	1			Mass.
Aspidiotus aharonii Bod. (Coccidae):					
Ceratonia siliqua (carob)	Israel			1	D.C.
Aspidiotus australiensis Kuw. (Coccidae):					
Dendrobium undulatum (orchid)	Australia			1	Hawaii.
Aspidiotus cryptomeriae Kuw. (Coccidae):					
Cryptomeria japonica	Japan			1	D.C.
Aspidiotus degeneratus (Leon) (Coccidae):					
Camellia japonica (camellia)	do			2	D.C., Hawaii.
Camellia sp	Japan, Portugal			3	D.C., Hawaii.
Aspidiotus destructor Sign. (Coccidae):					
Bambusa sp	Japan		1		Calif.*
Camellia sinensis (tea)	do			1	D.C.
Cocos nucifera (coconut)	Canal Zone, Costa Rica, Jamaica, Mexico, Panama.				Ariz., Calif.,* Fla.
Cyrtopodium sp. (orchid)	British Guiana			1	N.J.
Leaf—unknown	Barbados	1			Mass.

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Aspidiotus destructor Sign. (Coccidae)—Con.					
Licuala grandis (palm)	Cuba			1	Fla.
Mangifera indica (mango)	Singapore			1	Fla.
Nipa sp. (palm)	Tahiti			1	Hawaii.
Orchid	Canal Zone, Jamaica, Japan.		1	2	Calif.,* Fla.
Palm	Philippines			1	Calif.*
Prunus amygdalus (almond)	Mexico	1			Tex.
Rhapis sp.	Japan			1	Calif.*
Terminalia catappa (bitter almond)	Mexico	1			Tex.
Trachelospermum asiaticum	Japan			1	D.C.
Aspidiotus excisus Green (Coccidae):					
Osmanthus fragrans	do			1	D.C.
Pachysandra terminalis (Japanese pachysandra)	do			2	D.C.
Aspidiotus herculeanus Ckll. & Hadden (Coccidae):					
Erythrina fusca	Fiji Islands			1	D.C.
Aspidiotus mairei (Bal.) (Coccidae):					
Cytisus hirsutus	France			1	D.C.
Aspidiotus mendax McKenzie (Coccidae):					
Odontoglossum grande (orchid)	Gautemala			1	Calif.*
Aspidiotus palmae Ckll (Coccidae):					
Cinnamomum casia	Indonesia			1	D.C.
Cocos nucifera (coconut)	Mexico	1			Calif.*
Dendrobium victoriae reginae (orchid)	Philippines			1	Hawaii.
Jasminum multiflorum	Australia	1			Hawaii.
Myristica fragrans (nutmeg)	St. Lucia			1	Fla.
Orchid	Costa Rica, Guatemala			2	Fla.
Aspidiotus popularum Marl. (Coccidae) (tentative):					
Phoradendron flavescens (mistletoe)	Mexico	1			Tex.
Aspidiotus pseudomeyeri Kuw. (Coccidae):					
Thuja sp. (arborvitae)	Japan		1		Hawaii.
Asterobemisia carpini (Koch) (Aleyrodidae):					
Rubus sp.	France		9		Mass., N.Y.
Asterolecanium bambusae (Bdv.) (Coccidae):					
Bamboo	Venezuela			1	N.Y.
Asterolecanium epidendri (Bouche) (Coccidae):					
Broughtonia sp. (orchid)	Jamaica			2	Fla.
Cattleya sp. (orchid)	Brazil, Venezuela			3	Fla., N.J.
Epidendrum sp. (orchid)	Cuba			1	Fla.
Oncidium pulchellum (orchid)	Jamaica			1	Hawaii.
Oncidium sp.	Brazil			1	Fla.
Orchid	Bahamas, Brazil, British Honduras, Canal Zone, Costa Rica, Cuba, Guatemala, Jamaica, Mexico, Panama.		1	21	Ariz., Fla., Mass.
Asterolecanium miliaris (Bdv.) (Coccidae):					
Bamboo	Cuba	1			Fla.
Asterolecanium miliaris miliaris (Bdv.) (Coccidae):					
Bamboo	Trinidad, Venezuela	1		1	Fla., N.Y.
Asterolecanium miliaris robustum Green (Coccidae):					
Bamboo	Antigua	1			Mass.
Asterolecanium petrophilae (Fuller) (Coccidae):					
Grevillea pilulifera	Australia	1			Fla.
Athesapeuta cyperi Mshl. (Curculionidae):					
Vanda sp. (orchid)	Hawaii	4			Hawaii.
Aulacaspis latissimus (Ckll.) (Coccidae):					
Distylium racemosum	Japan			1	D.C.
Aulacaspis madiunensis (Zehnt.) (Coccidae):					
Saccharum officinarum (sugarcane)	New Guinea			1	D.C.
Aulacaspis mangiferae Newst. (Coccidae):					
Mangifera indica (mango)	El Salvador, Philippines	4			Calif.*
Aulacaspis tubercularis Newst. (Coccidae):					
Mangifera indica (mango)	El Salvador, Mexico	4			Calif., Tex.
Azeta versicolor (F.) (Noctuidae):					
Airplane	Panama		1		Fla.
Barathra brassicae (L.) (Noctuidae):					
Brassica chinensis (Chinese cabbage)	Japan		1		La.
Brassica pekinensis (petsai)	do		1		Wash.

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Batrachedra linaria Clarke (Cosmopterygidae):					
Agave sp.	Mexico	----	----	1	Calif.
Bemisia citricola Gomez-Menor(?) (Aleyrodidae):					
Citrus reticulata (Mandarin orange)	Italy	1	----	----	Mass.
Bemisia tabaci (Genn.) (Aleyrodidae):					
Hibiscus sp.	Haiti	----	----	1	Fla.*
Blastophagus piniperda (L.) (Scolytidae):					
Abies sp. (fir)	Sweden	1	----	----	Mass.
Blissus pulchellus Mont. (Lygaeidae):					
Chrysanthemum sp.	Mexico	1	----	----	Ariz.
Bostrychoplites cornutus (Oliv.) (Bostrichidae):					
Palm	Kenya	1	----	----	Va.
Bouhelia maroccana Bal. (Coccidae):					
Muscari comosum (cipollino)	Morocco	1	----	----	N.Y.
Brachycerus albidentatus Gyll. (Curculionidae):					
Allium sativum (garlic)	Italy	----	1	----	N.Y.
Brachycerus algirus F. (Curculionidae):					
Allium sativum (garlic)	Italy, Spain	14	1	----	N.Y., P.R., Tex.
Brachyrhinus ovatus (L.) (Curculionidae):					
Soil with fir trees	Canada	----	----	1	N.J.
Brachyrhinus porcatus (Hbst.) (Curculionidae):					
Rosaceous shrubs	Germany	----	----	1	N.Y.
Bradybaena similaris (Fer.) (Mollusca):					
Alpinia purpurata	Hawaii	1	----	----	Hawaii.
Anthurium sp.	do	3	----	----	Hawaii.
Cordyline terminalis (ti)	do	3	----	----	Hawaii.
Esenbeckia leiocarpa	Brazil	----	----	1	D.C.
Flowers	Hawaii	1	----	----	Hawaii.
Orchid	do	1	----	----	Hawaii.
Peperomia sp.	Brazil	----	1	----	Mass.
Selaginella sp.	do	----	----	1	D.C.
Soil with amaryllis bulb	Bermuda	----	----	1	Mass.
Vanda joaquimiae (orchid)	Hawaii	2	----	----	Hawaii.
Vanda sp.	do	5	----	----	Hawaii.
With anthurium and vanda flowers	do	1	----	----	Hawaii.
Brevipalpus obovatus Donn. (Tenuipalpidae):					
Hedera sp. (ivy)	Germany	----	----	1	Mass.
Iochroma coccineum	Portugal	----	----	1	D.C.
Michelia fuscata	Brazil	----	----	1	D.C.
Pittosporum undulatum	do	----	----	1	D.C.
Brevipalpus oncidii Baker (Tenuipalpidae):					
Orchid	England	----	----	1	D.C.
Brevipalpus phoenicis (Geijskes) (Tenuipalpidae):					
Alocasia cucullata	France	----	----	1	D.C.
Citrus sinensis (orange)	Canary Islands	----	1	----	Fla.
Orchid	Panama	----	----	1	Fla.
Stanhopea sp. (orchid)	Canal Zone	----	----	1	Fla.
Bruchus ervi Froel. (Bruchidae):					
Lens culinaris (lentil)	Italy, Lebanon	5	----	1	N.Y., Oreg.
Bruchus guttalis Rey(?) (Bruchidae):					
Vicia sativa (vetch)	Portugal	1	----	----	N.Y.
Bruchus luteicornis Ill. (Bruchidae):					
Vicia sativa (vetch)	Cape Verde Islands, Sumatra.	1	----	1	D.C., Mass.
Bruchus signaticornis Gyll. (Bruchidae):					
Lens culinaris (lentil)	Italy	5	----	----	N.Y.
Bruchus tristis Boh. (Bruchidae):					
Bean	do	1	----	----	N.Y.
Cicer arietinum (chickpea)	Greece	----	----	1	N.Y.
Lathyrus sativus (grass pea)	Italy	----	----	1	N.Y.
Legume	Unknown	1	----	----	N.Y.
Lupinus sp. (lupine)	Italy	2	----	----	N.Y.
Vicia faba (broadbean)	do	2	----	----	N.Y.
Bryobia cristata (Duges) (Tetranychidae):					
Chrysanthemum sp.	Japan	----	----	1	Wash.
Flowers	do	----	1	----	Wash.
Bucculatrix thurberiella Busck (Lyonetiidae):					
Gossypium sp. (cotton; boll)	Mexico	1	----	----	Ariz.
Callidium rufipenne Mots. (Cerambycidae):					
Packing case with artificial flowers	Japan	1	----	----	N.Y.

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Calligrapha labyrinthica Stal (Chrysomelidae):					
Bromeliad	Mexico	----	----	1	Tex.
Callosobruchus phaseoli (Gyll.) (Bruchidae):					
Crotalaria spectabilis	Union of South Africa	----	----	1	D.C.
Phaseolus sp	Japan	----	1	----	Calif.*
Vicia faba (broadbean)	Egypt	1	----	----	N.Y.
With foodstuff, grain, nuts, and assorted seeds	India	1	----	----	N.Y.
Carposina niponensis Wal. (Carposinidae):					
Malus sylvestris (apple)	Japan	----	4	----	Va., Wash.
Caryedon fuscus (Goeze) (Bruchidae):					
Arachis hypogaea (peanut)	Portugal	1	----	----	N.Y.
Cassia javanica (appleblossom senna)	Hawaii	1	----	----	Hawaii.
Cassia sp	do	1	----	----	Hawaii.
Pisum sativum (pea)	India	----	1	----	Ala.
Tamarindus indica (tamarind)	Hawaii	2	----	----	Hawaii.
Vanda sp. (orchid)	do	1	----	----	Hawaii.
Caryedon fuscus (Goeze) (?) (Bruchidae):					
Peltophorum africanum	Rhodesia	----	----	1	N.J.
Cenaeus pectoralis (Stal) (Pyrrhocoridae):					
Protea sp	Union of South Africa	1	----	----	N.Y.
Cenopalpus pulcher (C. & F.) (Tenuipalpidae):					
Buxus sp. (box)	Portugal	----	1	----	Mass.
Cepaea nemoralis (L.) (Mollusca):					
Dunnage with automobiles	Germany	1	----	----	Calif.*
Petroselinum crispum (parsley)	do	----	1	----	Pa.
Ceratitis capitata (Wied.) (Tephritidae):					
Cactus	Italy	1	----	----	Mass.
Citrus limon (lemon)	do	1	----	----	N.Y.
Citrus reticulata (Mandarin orange)	Israel, Italy, Libya, Tunisia	10	1	----	N.J., N.Y., S.C.
Citrus sinensis (orange)	Argentina, Azores, Egypt, Israel, Italy, Lebanon, Spain.	3	16	----	Fla., Md., Mass., N.J., Pa., S.C., Tex., Va.
Coffea arabica (Arabian coffee)	Hawaii	24	----	----	Calif.,* Hawaii.
Cydonia oblonga (quince)	Greece, Italy	7	----	----	N.Y.
Ficus carica (fig)	Italy	2	----	----	Ill., N.Y.
Mangifera indica (mango)	Egypt	1	----	----	N.J.
Olea europaea (olive)	Italy	1	----	----	Mass.
Opuntia humifusa (pricklypear)	do	8	----	----	N.Y.
Prunus domestica (plum)	do	1	----	----	Mass.
Prunus persica (peach)	Italy, Tunisia	2	1	----	Mass., N.Y.
Psidium guajava (guava)	Azores, Portugal	3	----	----	Mass.
Punica granatum (pomegranate)	Italy	2	----	----	N.Y.
Pyrus communis (pear)	France(?), Greece, Italy, Spain.	4	4	----	Mass., N.Y. Pa.
Ceratitis capitata (Wied.) (?) (Tephritidae):					
Capsicum frutescens grossum (bell pepper)	Belgian Congo	----	1	----	Md.
Citrus aurantifolia (sweet lime)	Azores	----	1	----	Mass.
Citrus sinensis (orange)	Brazil, Spain, Union of South Africa.	1	2	----	Fla., Mass.
Ficus carica (fig)	Italy	1	----	----	Mass.
Cerconota anonella (Sepp) (Stenomidae):					
Annona sp	Brazil	1	----	----	N.Y.
Ceresium unicolor (F.) (Cerambycidae):					
Airplane	Guam	----	1	----	Hawaii.
Ceronema japonica Mask. (?) (Coccidae):					
Ilex crenata (Japanese holly)	Japan	----	----	1	D.C.
Ceroplastes japonicus Green (Coccidae):					
Chacnomales sp	do	----	----	1	Hawaii.
Cotoneaster sp	do	----	----	2	Hawaii, Hawaii.*
Prunus sp.(?)	do	----	----	1	Hawaii.
Ceroplastes rubens Mask. (Coccidae):					
Alpinia purpurata	Hawaii	1	----	----	Hawaii.
Alyxia olivaeformis (malle)	do	13	----	----	Hawaii.
Anthurium sp	do	3	----	----	Hawaii.
Camellia rusticana	Japan	----	----	1	D.C.
Camellia sp	Formosa, Japan	----	----	2	Calif.,* D.C.
Cotoneaster sp	Japan	----	----	1	Hawaii.
Gardenia augusta (gardenia)	Hawaii, Japan	2	----	----	Hawaii.

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Ceroplastes rubens Mask. (Coccidae)—Con.					
Gardenia sp.	Japan			1	Hawaii.
Hedera helix (English ivy)	do	1			Hawaii.
Ilex serrata	do			1	Calif.*
Metrosideros collina	Hawaii			1	Hawaii.
Rhododendron sp.	Japan			1	N.Y.
Ceroplastes rusci (L.) (Coccidae):					
Ficus arbutifolia	Italy			1	D.C.
Ficus carica (fig)	Israel, Italy	3		2	Calif.,* Ill., N.Y.
Ficus sp.	Italy			1	D.C.
Ceroplastes sinensis del Guer.(?) (Coccidae):					
Citrus limon (lemon)	do	1			N.Y.
Chaetanaphothrips orchidii (Mlt.) (Thripidae):					
Operculina tuberosa (wood-rose)	Hawaii	1			Hawaii.
Chalcodermus aeneus Boh. (Curculionidae):					
Cajanus cajan (pigeonpea)	Bahamas, Barbados, Panama.	6		1	Fla., N.Y.
Chermes piceae Ratz. (Chermidae):					
Abies amabilis	Canada			1	Wash.
Chilo loftini Dyar (Crambidae):					
Saccharum officinarum (sugarcane)	Mexico	20			Ariz., Calif.
Zea mays (corn)	do	3			Ariz.
Chilo suppressalis (Wlk.) (Crambidae):					
Oryza sativa (rice)	Japan, Korea, Portugal(?)	16	3		Calif.,* Va., Wash.
Chionaspis salicis (L.) (Coccidae):					
Buxus sp. (box)	Sweden			1	Mass.
Cytisus sp.	Spain			1	D.C.
Sorbus sp.	Norway			1	N.Y.
Chrysomphalus agavis (Towns. & Ckll.) (Coccidae):					
Yucca elephantipes	Mexico			1	Ariz.
Chrysomphalus albopictus (Ckll.) (Coccidae):					
Anthurium sp.	do			3	Tex.
Chamaedorea sp.	do	1			Tex.
Cocos nucifera (coconut)	do		1		Calif.*
Philodendron sp.	do			1	Tex.
Chrysomphalus bifasciculatus Ferris (Coccidae):					
Citrus reticulata (Mandarin orange)	Japan		1		Calif.*
Fatsia japonica (fatsia)	do		1		Wash.
Hedera helix (English ivy)	do	1			Hawaii.
Ilex crenata (Japanese holly)	do			1	D.C.
Chrysomphalus diversicolor Green (as defined by McKenzie) (Coccidae):					
Citrus sinensis (orange)	Canary Islands		1		Pa.
Chrysomphalus inopinatus (Leon) (Coccidae):					
Pistacia sp. (pistache)	Lebanon	1			N.Y.
Chrysomphalus minutus Kotinsky (Coccidae):					
Unknown plant	Philippines	1			Calif.*
Chrysomphalus odontoglossi (Ckll.) (Coccidae):					
Broughtonia sp. (orchid)	Jamaica			1	N.J.
Chrysomphalus personatus (Comst.) (Coccidae):					
Cocos nucifera (coconut)	Mexico	1			Calif.*
Mangifera indica (mango)	Madeira Islands, Mexico	3			Calif., Mass.
Nerium oleander (oleander)	Mexico			1	Tex.
Orchid	Brazil			1	Tex.
Palm	Venezuela		1		Pa.
Persea americana (avocado)	Mexico	3			Tex.
Rosa sp.	Panama			1	P.R.
Chrysomphalus pinnulifera (Mask.) (Coccidae):					
Dendrobium nobile (orchid)	India			1	Tex.
Chrysomphalus propsimus Banks (as defined by McKenzie) (Coccidae):					
Palm	Venezuela		1		Pa.
Chrysomphalus sacculata (Ferris) (Coccidae) (tentative):					
Twig—unknown	Mexico	1			Ariz.
Chrysomphalus sphaeriolides (Ckll.) (Coccidae):					
Chamaedorea oblongata	do	1			Tex.
Dracaena sp.	do			1	Tex.
Palm	do	1			Mass.
Philodendron sp.	do			1	Tex.

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Chrysomphalus tenax (McKenzie) (Coccidae):					
Cattleya skinneri (orchid)	Panama	----	----	1	Calif.*
Palm	Guatemala	----	----	1	Tex.
Philodendron sp.	Mexico	----	----	3	Tex.
Chrysomphalus tingi (McKenzie) Coccidae):					
Cocos nucifera (coconut)	do	2	----	----	Calif.*
Chrysomphalus umboniferus (Newst.) (Coccidae):					
Anthurium sp.	Ecuador, Nicaragua	----	----	2	Calif.*
Cattleya sp. (orchid)	Costa Rica	----	----	1	Fla.
Cattleya(?) sp.	Mexico	----	----	1	Calif.*
Epidendrum sp. (orchid)	El Salvador	----	----	1	Fla.
Oncidium sp. (orchid)	Costa Rica	----	----	1	Fla.
Orchid	Canal Zone, Costa Rica, Guatemala, Honduras, Mexico, Panama(?).	----	----	8	Fla., N.J.
Philodendron sp.	Mexico	----	----	1	Tex.
Schomburgkia sp. (orchid)	British Honduras	----	----	1	Fla.
Coccus capparidis (Green) (Coccidae):					
Cypripedium insigne (orchid)	India	----	----	1	N.J.
Cypripedium sp.	do	----	----	2	N.J.
Coccus viridis (Green) (Coccidae):					
Aralia sp.	Cuba	----	----	1	Fla.
Citrus sp.	Puerto Rico	1	----	----	Ill.
Coffea sp. (coffee)	Jamaica	1	----	----	Fla.
Gardenia augusta (gardenia)	Hawaii, Phillippines	43	----	5	Calif.,* Hawaii.
Gerbera sp.	Trinidad	----	----	1	Fla.
Ixora sp.	Jamaica, Panama, Trinidad.	----	----	3	Fla., P.R.
Jasminum sp.	Algeria	----	----	1	N.J.
Plant—unknown	Hawaii	----	----	1	Hawaii.
Stanhopea sp. (orchid)	Peru	----	----	1	Fla.
Coelonerius nigrirostris Solari (Curculionidae):					
Collinia elegans	Mexico	40	----	----	Tex.
Conchaspis orchidarum Mamet (Coccidae):					
Brassavola sp. (orchid)	Canal Zone	----	----	1	Fla.
Lockhartia sp. (orchid)	do	----	----	1	Fla.
Conotelus mexicanus Murr. (Nitidulidae):					
Chrysanthemum sp.	Mexico	1	----	----	Ariz.
Flowers	Hawaii	1	----	----	Hawaii
Conotrachelus aguacatae Barber (Curculionidae):					
Persea americana (avocado)	Mexico	10	1	1	La., Tex.
Conotrachelus perseae Barber (Curculionidae):					
Persea americana (avocado)	Central America	----	1	----	N.Y.
Coptotermes formosanus Shiraki (Rhinotermitidae):					
Airplane	Hawaii	----	1	----	Calif.*
Cosmopolites sordidus (Germ.) (Curculionidae):					
Musa paradisiaca sapientum (banana)	Ecuador, Honduras, Mexico.	2	----	2	La., Pa., Tex.
Musa sp.	Costa Rica	----	----	1	N.J.
Cryphula apicatus (Dist.) (Lygaeidae):					
Bromeliad	Mexico	----	----	1	Tex.
Cryptoblabes gnidiella (Mill.) (Phycitidae):					
Cattleya sp. (orchid)	Venezuela	----	----	1	N.J.
Citrus limon (lemon)	Italy	----	1	----	La.
Citrus sinensis (orange)	Greece, Spain(?)	1	1	----	N.J., N.Y.
Punica granatum (pomegranate)	Greece, Israel, Italy, Spain.	11	----	----	N.Y.
Cryptophlebia illepida (Btlr.) (Olethreutidae):					
Euphoria longan	Hawaii	1	----	----	Hawaii.
Litchi chinensis (lychee)	do	1	----	----	Hawaii.
Cryptophlebia ombrodelta (Lower) (Olethreutidae):					
Tamarindus indica (tamarind)	Philippines	1	----	----	Hawaii.
Cryptotermes brevis (Wlk.) (Kalotermitidae):					
Wooden crates	Hawaii	1	----	----	Calif.*
Curculio elephas (Gyll.) (Curculionidae):					
Castanea sp. (chestnut)	France, Greece, Italy, Portugal, Spain, Turkey.	58	6	1	Calif.,* Fla., Mass., N.Y., Tex., Wash.
Quercus cerris (European Turkey oak)	Italy	----	----	1	N.J.
Quercus ilex (holly oak)	do	----	----	1	Calif.*
Quercus sp. (oak)	do	1	----	----	N.Y.

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Curculio nucum L. (Curculionidae):					
Corylus avellana (filbert)	Italy	1			Mass.
Cylas femoralis Faust (Curculionidae):					
Ipomoea batatas (sweetpotato)	Nigeria		1		Ala.
Cylas formicarius (F.) ssp. (Curculionidae):					
Ipomoea batatas (sweetpotato)	Philippines, Thailand	1	1		Hawaii.
Cylas formicarius (F.) var. (Curculionidae):					
Ipomoea batatas (sweetpotato)	Philippines	1			Hawaii.
Cylas formicarius elegantulus (Summers) (Curculionidae):					
Baggage	Hawaii	1			Hawaii.
Ipomoea batatas (sweetpotato)	British Guiana, Cuba, Dominican Republic, Haiti, Jamaica, Mexico, Puerto Rico.	7	10		Fla., La., Md., N.Y., Pa., P.R., St. Thomas and St. John, Tex., Va.
Cylas formicarius formicarius (F.) (Curculionidae):					
Ipomoea batatas (sweetpotato)	Hong Kong, India, Singapore, Philippines, Thailand, unknown.	4	5		Hawaii, La., Oreg., S.C.
Cylas puncticollis Boh. (Curculionidae):					
Ipomoea batatas (sweetpotato)	Nigeria, Sierra Leone		2		Ala., Va.
Cyrtopeltis modestus (Dist.) (Miridae):					
Zantedeschia aethiopica (calla lily)	Colombia	1			N.Y.
Dactylotrypes wyttenboogaarti Eggers (Scolytidae):					
Phoenix canariensis	England			1	N.J.
Dacus cucurbitae (Coq.) (Tephritidae):					
Cucurbita pepo (zucchini squash)	Hawaii		1		Calif.*
Lycopersicon esculentum (tomato)	do		8		Calif.*
Momordica charantia (balsam-pear)	do	1			Calif.*
Momordica spp	do	1			Hawaii.
Phaseolus vulgaris var. (string bean)	do		1		Calif.*
Dacus cucurbitae (Coq.) (?) (Tephritidae):					
Cucumis sativus (cucumber)	do		2		Calif.*
Dacus dorsalis Hend. (Tephritidae):					
Calophyllum inophyllum	do	2			Hawaii.
Cocos nucifera (coconut)	do	1			Calif.*
Coffea arabica (Arabian coffee)	do	7			Hawaii.
Eugenia malaccensis (Malay-apple)	do	1			Hawaii.
Lycopersicon esculentum (tomato)	do		2		Calif.*
Mangifera indica (mango)	do	12	5		Calif.,* Hawaii.
Musa paradisiaca sapientum (banana)	Hawaii, unknown	1	3		Calif.*
Passiflora sp	Hawaii	1			Hawaii.
Persea americana (avocado)	do	1	1		Calif.,* Hawaii.
Spondias cytherea (vi-apple)	do	1			Hawaii.
Terminalia catappa (bitter almond)	do	2			Hawaii.
Dacus dorsalis Hend.(?) (Tephritidae):					
Coffea arabica (Arabian coffee)	do	1			Hawaii.
Coffea sp. (coffee)	do	3			Hawaii.
Mangifera indica (mango)	do	2			Calif.,* Hawaii.
Punica granatum (pomegranate)	do	1			Hawaii.
Terminalia catappa (bitter almond)	do	1			Hawaii.
Dacus oleae Gmel. (Tephritidae):					
Olea europaea (olive)	Italy, Spain	30			Calif.,* Mass., N.Y.
Dacus oleae Gmel.(?) (Tephritidae):					
Olea europaea (olive)	Unknown		1		Mass.
Deloyala guttata (Oliv.) (Chrysomelidae):					
Allium sativum (garlic)	Italy	1			N.Y.
Orchid	Mexico			1	Tex.
Deroceras reticulatum (Muller) (Mollusca):					
Allium porrum (leek)	England		1		Pa.
Apium graveolens (celery)	Belgium		1		Pa.
Brassica chinensis (Chinese cabbage)	Japan		1		Wash.
Brassica oleracea botrytis (cauliflower)	Italy, Japan		2		Pa., Wash.

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Deroceras reticulatum (Muller) (Mollusac)—Con.					
Brassica oleracea capitata (cabbage)	Belgium, England, France, Italy, Netherlands, Panama.	10	4	----	Ga., Mass., N.Y., Pa.
Brassica rapa (turnip)	Italy	----	1	----	N.Y.
Bryophyllum sp	Bermuda	----	----	1	N.Y.
Fern	Mexico	----	----	1	Tex.
Flowers	Ireland	----	----	1	Mass.
Ilex crenata (Japanese holly)	England	----	----	1	D.C.
Lactuca sativa (lettuce)	England, France, Italy	----	3	----	N.Y., Pa.
Orchid	Costa Rica, El Salvador, Guatemala, Mexico, Venezuela.	----	----	7	Fla., Tex.
Primula sp	Ireland	----	----	1	Pa.
Vanda sp. (orchid)	Hawaii	----	----	1	Hawaii.
Diabrotica porracea Har. (Chrysomelidae): Bromeliad	Mexico	----	----	1	Tex.
Diachus auratus (F.) (Chrysomelidae): Orchid	Hawaii	1	----	----	Hawaii.
Dialeurodes chittendeni Laing (Aleyrodidae): *Rhododendron catawbiense* (catawba rhododendron).	Netherlands	----	----	1	N.J.
Rhododendron 'Goldsworth Yellow'	do	----	----	1	N.J.
Rhododendron sp	England, Netherlands	1	----	6	N.J., N.Y.
Dialeurodes citrifolii (Morg.) (Aleyrodidae): *Citrus* sp	Dominican Republic	2	----	----	P.R.
Dialeurodes kirkaldyi (Kot.) (Aleyrodidae): *Gardenia augusta* (gardenia)	Hawaii	1	----	----	Calif.*
Jasminum multiflorum (star jasmine)	do	1	----	----	Hawaii.
Jasminum sambac (Arabian jasmine)	Hawaii, Philippines	2	----	2	Calif.* Hawaii.
Diaprepes abbreviatus (L.) (Curculionidae): *Pothos* sp	Puerto Rico	----	----	1	Fla.
Diaspis echinocacti (Bouche) (Coccidae): *Pachycereus marginatus*	Mexico	----	----	1	Tex.
Diaspis zamiae Morg. (Coccidae): *Cussonia triptera*	Italy	----	----	1	D.C.
Elaeodendron ilicifolium	do	----	----	1	D.C.
Palm	Portugal	1	----	----	N.Y.
Dichocrocis punctiferalis (Guen.) (Pyraustidae): *Prunus persica* (peach)	Japan	----	1	----	Oreg.
Dicyphus errans (Wolff) (Miridae): Plants—unknown	Portugal	----	----	1	D.C.
Dinaspis aculeta Ferris (Coccidae): *Chamaedorea* sp	Mexico	1	----	----	Calif.*
Diocalandra taitensis (Guer.) (Curculionidae): *Cocos nucifera* (coconut)	Hawaii	5	----	----	Hawaii.
Diorymerellus laevimargo Champ. (Curculionidae): Orchid	Mexico	----	----	2	Tex. H
Dysdercus andreae (L.) (Pyrrhocoridae): *Rumex* sp	Antigua	1	----	----	P.R.
Dysdercus honestus Blote (Pyrrhocoridae): *Dianthus caryophyllus* (carnation)	Brazil	----	----	1	N.Y.
Dysdercus mimus (Say) (Pyrrhocoridae): *Ananas comosus* (pineapple)	Mexico	1	----	----	Tex.
Dyspessa ulula (Bkh.) (Cossidae): *Allium sativum* (garlic)	Italy, Spain	5	1	----	Mass., N.Y., P.R.
Ectomyelois ceratoniae (Zell.) (Phycitidae): *Adenanthera pavonina* (redbead)	Hawaii	1	----	----	Hawaii.
Cassia sp. (legume)	Bahamas	1	----	----	N.Y.
Cydonia oblonga (quince)	Italy	1	----	----	N.Y.
Friobotrya japonica (loquat)	do	1	----	----	N.Y.
Juglans regia (English walnut)	do	1	----	----	N.Y.
Juglans sp. (walnut)	Italy, Yugoslavia	4	----	----	N.Y., Tex.
Kigelia pinnata	Hawaii	1	----	----	Hawaii.
Olea europaea (olive)	Italy	1	----	----	N.Y.
Phoenix dactylifera (date)	do	1	----	----	N.Y.
Prunus amygdalus (almond)	do	2	----	----	N.Y.
Punica granatum (pomegranate)	Greece, Israel, Italy	9	----	----	N.Y.
Tamarindus indica (tamarind)	Trinidad, unknown	2	----	----	N.Y., P.R.

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Ectomyelois muriscis (Dyar) (Phycitidae):					
Legume pod	Venezuela	1			Tex.
Seed pod—unknown	Mexico, Panama			2	Fla.
Epichorista ionepheia Meyr. (Tortricidae):					
Ornithogalum thyrsoides (chinkerichee)	Union of South Africa	5			N.J., N.Y.
Epidiaspis piricola (del Guer.) (Coccidae):					
Ficus carica (fig)	Portugal			1	Mass.
Malus sylvestris (apple)	do			1	Mass.
Epilachna borealis aequinoxialis Muls. (Coccinellidae):					
Musa paradisiaca sapientum (banana)	Ecuador	1			N.Y.
Epilachna paenulata (Germ.) (Coccinellidae):					
Musa paradisiaca sapientum (banana)	do	1			Pa.
Epilachna sparsa Hbst.(?) (Coccinellidae):					
Airplane	Philippines		1		Hawaii.
Epinotia aporema (Wlsm.) (Olethreutidae):					
Phaseolus vulgaris var. (string bean)	Chile, Colombia, Mexico	6	2		Fla., La., Md. Tex.
Ereunetis flavistriata Wlsm. (Tineidae):					
Cocos nucifera (coconut)	Hawaii	5			Hawaii.
Ereunetis simulans (Butl.) (Tineidae):					
Airplane	Japan		1		Hawaii.
Eriophyes canestrinii (Nal.) (Eriophyidae):					
Buxus sempervirens	Netherlands			2	N.J.
Eucalymnatus tessellatus (Sign.) (Coccidae):					
Gardenia augusta (gardenia)	Australia, Mexico	1	1		Hawaii, Tex.
Palm	Italy		1		N.Y.
Euetheola bidentata (Burm.) (Scarabaeidae):					
Ananas comosus (pineapple)	Mexico	1			Tex.
Eugeraeus unifasciatus Champ.(?) (Curculionidae):					
Chamaedorea sp. (palm)	do			1	Tex.
Euleia heraclei (L.) (?) (Tephritidae):					
Apium graveolens (celery)	Italy		2		Va.
Eurytoma orchidearum (Westw.) (?) (Eurytomidae):					
Epidendrum cochleatum (orchid)	Mexico			1	Tex.
Eurytoma plotnikovi Nik. (Eurytomidae):					
Pistacia sp. (pistache)	Unknown	1			N.Y.
Euscepes postfasciatus (Fairm.) (Curculionidae):					
Ipomoea batatas (sweetpotato)	Brazil, Hawaii, Peru, Puerto Rico.	2	4		Calif.,* La., Md., Pa.
Euschistus servus (Say) (Pentatomidae):					
Chrysanthemum sp.	Mexico	1			Tex.
Eutetranychus banksi (McG.) (Tetranychidae):					
Citrus sp.	do	2			Tex.
Euxoa spinifera (Hbn.) (Noctuidae):					
Airplane	West Pacific		1		Hawaii.
Everes comyntas (Godt.) (Lycaenidae):					
Pisum sativum (pea)	Mexico	1			Tex.
Exptochiomera albomaculata (Dist.) (Lygaeidae):					
Orchid	do			1	Tex.
Exptochiomera confusa Barber (Lygaeidae):					
Orchid	Ecuador			1	Calif.*
Phaseolus vulgaris var. (string bean)	Mexico	1			Ariz.
Exptochiomera oblonga (Stal) (Lygaeidae):					
Lycopersicon esculentum (tomato)	do	1			Ariz.
Farinococcus guatemalensis Ferris (Coccidae):					
Oncidium ansiferum (orchid)	Costa Rica			1	Fla.
Orchid	Guatemala			1	Tex.
Farinococcus olivaceus (Ckll.) (Coccidae):					
Yucca sp.	Mexico			1	Tex.
Faustinus cubae (Boh.) (Curculionidae):					
Capsicum frutescens (pepper)	Cuba, Jamaica	2			Fla.
Ferrisia virgata (Ckll.) (Coccidae):					
Cucurbita pepo (squash)	Mexico	1			Tex.
Dendrobium sp. (orchid)	Philippines			1	Calif.*
Dieffenbachia sp.	do			1	Calif.*
Gardenia augusta (gardenia)	Cuba	1			N.Y.
Gossypium sp. (cotton; boll)	Colombia		1		Tex.
Fiorinia nephelii Mask. (Coccidae):					
Litchi chinensis (lychee)	Hong Kong	1			Hawaii.

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Fiorinia theae Green (Coccidae):					
Camellia sp	Nepal			1	D.C.
Frankliniella formosae Mlt. (Thripidae):					
Chrysanthemum sp	Japan	2	1		Calif.,* Hawaii.
Dianthus caryophyllus (carnation)	do	2			Hawaii.
Flowers	do		2		Wash.
Gladiolus sp	do	1			Hawaii.
Lilium longiflorum (Easter lily)	do	1			Hawaii.
Frankliniella intonsa (Tryb.) (Thripidae):					
Calluna vulgaris (heather)	Germany	1			N.Y.
Convallaria majalis (lily-of-the-valley)	Denmark			1	N.Y.
Dahlia sp	Germany	1			Mich.
Flowers	England, Netherlands	2	1		Mass., N.Y.
Helichrysum bracteatum (strawflower)	Yugoslavia	1			N.Y.
Lavandula sp. (lavender)	England	1			Mass.
Rosa sp	England, Germany	1	1		Mass., N.J.
Frankliniella panamensis Hood (Thripidae):					
Centaurea cyanus (bachelors-button)	Colombia		1		Fla.
Gladiolus sp	do	1			Fla.
Viola sp. (violet)	do		1		Fla.
Frankliniella schultzei (Tryb.) (Thripidae):					
Chrysanthemum sp	Australia	1			Hawaii.
Medicago sativa (alfalfa)	Argentina	1			Tex.
Soil with Star-of-Bethlehem bulbs	Union of South Africa			1	N.Y.
Frankliniella tenuicornis (Uzel) (Thripidae):					
Allium sativum (garlic)	Italy	1			Mass.
Frauenfeldiella jelinekii (Frfld.) (Aleyrodidae):					
Viburnum tinus (laurustinus)	England, Scotland			2	D.C., N.J.
Fulvius brevicornis Reuter (Miridae):					
Trapa natans (water chestnut)	Hong Kong	2			Hawaii.
Fundella pellucens (Zell.) (Phycitidae):					
Cajanus cajan (pigeonpea)	Barbados	4			N.Y.
Pisum sativum (black-eyed pea)	Puerto Rico	3			P.R.
Furcaspis biformis (Ckll.) (Coccidae):					
Brassavola sp. (orchid)	Jamaica			1	N.J.
Bromeliad	Venezuela			1	Fla.
Cattleya superba (orchid)	do			1	N.J.
Cattleya sp	British Guiana, Guatemala, Hawaii, Trinidad.	1		6	Calif.,* Hawaii, N.J.
Epidendrum atropurpureum (orchid)	Canal Zone			4	Calif.,* Hawaii, Hawaii.*
Epidendrum sp	Canal Zone, Panama			6	Fla., N.J.
Gongora maculata (orchid)	Canal Zone			1	N.J.
Laelia sp. (orchid)	do			1	N.J.
Oncidium ampliatum (orchid)	do			1	Calif.*
Oncidium panamense	do			3	Calif.,* Fla., N.J.
Oncidium sp	do			1	Fla.
Orchid	Brazil, British Honduras, Canal Zone, Costa Rica, Cuba, El Salvador, Grenada, Hawaii, Honduras, Panama, Trinidad.			29	Calif.,* Fla., Hawaii.
Renanthera elongata (orchid)	Singapore			1	Hawaii.*
Stanhopea wardii (orchid)	Canal Zone			1	Calif.*
Vanda sp. (orchid)	Federation of Malaya			1	N.J.
Furcaspis oceanica Ldgr. (Coccidae):					
Cocos nucifera (coconut)	Kwajalein		1		Hawaii.
Galgupha punctifer McA. & Mall. (Pentatomidae):					
Bromeliad	Mexico			1	Tex.
Orchid	do			1	Tex.
Tillandsia sp	do			1	Tex.
Galgupha quadrisignata (Stal) (Pentatomidae):					
Bromeliad	do			1	Tex.

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Gelechia ericetella (Hbn.) (Gelechiidae):					
Calluna vulgaris (heather)	England, Germany, Scotland.	3	----	1	Mass., N.Y.
Geniocremnus chilensis (Boh.) (Curculionidae):					
Prunus domestica (plum)	Chile	1	----	----	N.Y.
Prunus persica (peach)	do	1	----	----	N.Y.
Prunus persica nectarina (nectarine)	do	1	----	----	N.Y.
Geotomus pygmaeus (Dall.) (Cydnidae):					
Flowers	Hawaii	1	----	----	Hawaii.
Glycyphagus ornatus Kramer (Glycyphagidae):					
Soil with inhames	Portugal	1	----	----	Mass.
Gnaphalodes trachyderoides Thoms. (Cerambycidae):					
Lycopersicon esculentum (tomato)	Mexico	1	----	----	Tex.
Gnorimoschema gudmannella (Wlsm.) (Gelechiidae):					
Capsicum frutescens (pepper)	do	1	----	----	Fla.
Capsicum frutescens grossum (bell pepper)	do	3	----	----	Ariz., Fla.
Gnorimoschema ocellatella Boyd (Gelechiidae):					
Beta vulgaris (beet)	Spain	----	2	----	Pa.
Spinacia oleracea (spinach)	Morocco	----	1	----	Pa.
Gracilaria azaleella Brants (Gracilariidae):					
Rhododendron sp. (azalea)	Japan, Netherlands	----	----	4	N.J., Wash.
Grapholitha packardi Zell. (Olethreutidae):					
Crataegus spp	Mexico	2	----	----	Tex.
Gymnandrosoma aurantianum Costa Lima (Olethreutidae):					
Citrus paradisi (grapefruit)	do	----	1	----	Tex.
Gymnococcus agavium (Dougl.) (Coccidae):					
Agave sp	do	----	----	1	Tex.
Gynaikothrips ficorum (Marchal) (Phlaeothripidae):					
Leaf—unknown	do	----	----	1	Calif.
Halticus chrysolepis Kirk. (Miridae):					
Dendrobium sp. (orchid)	Hawaii	1	----	----	Hawaii.
Haplothrips cottei (Vuillet) (Phlaeothripidae):					
Plant—unknown	Azores	----	----	1	Mass.
Haplothrips gowdeyi (Frankl.) (Phlaeothripidae):					
Antirrhinum majus (snapdragon)	Bermuda	1	----	----	Mass.
Dianthus caryophyllus (carnation)	Bermuda, Japan	2	----	----	Hawaii, N.Y.
Flowers	Bermuda, Haiti	2	----	----	Mass., P.R.
Gerbera sp.	Bermuda	1	----	----	Mass.
Mentha crispa	Tortola	1	----	----	St. Thomas and St. John.
Nerium oleander (oleander)	Bermuda	1	----	----	N.Y.
Plant—unknown	Azores	----	----	1	Mass.
Zantedeschia aethiopica (calla lily)	Haiti	1	----	----	Fla.
Helix aspersa (Muller) (Mollusca):					
Armeria sp. (statice)	Peru	1	----	----	Fla.
Cichorium intybus (chickory)	France	----	1	----	N.Y.
Flowers	Ireland	1	----	----	Mass.
Lactuca sativa (lettuce)	Mexico	----	1	----	Tex.
Unknown	Azores	----	1	----	N.Y.
Hellula undalis (F.) (Pyraustidae):					
Brassica rapa (turnip)	French West Africa	----	1	----	Mass.
Raphanus sativus (radish)	do	----	----	----	Pa.
Heminerve juliana (Curt.) (Olethreutidae):					
Castanea sp. (chestnut)	Italy	2	----	----	N.Y.
Quercus falcata (Spanish oak)	do	----	----	1	Calif.*
Hepialus humuli (L.) (Hepialidae):					
Dahlia sp.	England	----	----	1	Ill.
Heterobostrychus aequalis (Waterh.) (Bostrichidae):					
Airplane	Cuba	----	1	----	Fla.
Wood	India	2	----	----	N.Y.
Heterotermes convexinotatus (Snyder) (Rhinotermitidae):					
Palm	Mexico	----	----	1	Tex.

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Hyalopeplus pellucidus (Stal) (Miridae):					
Foliage	Hawaii	1			Hawaii.
Hylurgops palliatus (Gyll.) (Scolytidae):					
Wood	Switzerland	1			N.Y.
Hypera nigrirostris (F.) (Curculionidae):					
Trifolium pratense (red clover)	Italy			1	D.C.
Hypera postica (Gyll.) (Curculionidae):					
Lolium sp	Greece			1	D.C.
Hypera punctata (Fab.) (Curculionidae):					
With maple leaves and peaches	France		1		Ill.
Icerya seychellarum (Westw.) (Coccidae):					
Litchi chinensis (lychee)	Japan			1	Calif.*
Ips calligraphus (Germ.) (Scolytidae):					
Log	Bahamas	1			Fla.
Ips combrae Herr (Scolytidae):					
Bark on wood crate	Germany	1			Mass.
Iridomyrmex humilis Mayr (Formicidae):					
Annona sp	Azores	1			Mass.
Dianthus caryophyllus (carnation)	Bermuda	1			Mass.
Erica sp	Union of South Africa	1			N.Y.
Euphorbia pulcherrima (poinsettia)	Bermuda			1	N.Y.
Flowers	Bermuda, Union of South Africa.	3			Mass., N.Y.
Freesia sp	Bermuda	1			Mass.
Phaseolus vulgaris var. (string bean)	Italy		1		Mass.
Protea sp	Union of South Africa	2			N.Y.
Triticum aestivum (wheat)	Portugal	1			N.J.
Iridomyrmex iniquus Mayr (Formicidae):					
Orchid	Guatemala			2	Tex.
Iridothrips iridis (Wats.) (Thripidae):					
Iris sp	England			1	N.J.
Ischnodemus diplopterus (Dist.) (Lygaeidae):					
Prunus armeniaca (apricot)	Union of South Africa	1			N.Y.
Prunus persica (peach)	do	1			N.Y.
Vitis sp. (grape)	do	1			N.Y.
Isoneurothrips obscuratus Cwfd. (Thripidae):					
Rosa sp. (rose)	Australia		1		Hawaii.
Jadera sanguinolenta (F.) (Coreidae):					
Gossypium sp. (cotton; boll)	Mexico	1			Tex.
Lampetia equestris (F.) (Syrphidae):					
Narcissus sp	England, Germany, Ireland, Netherlands, Northern Ireland.			12	Mich., N.J., N.Y.
Lampides boeticus (L.) (Lycaenidae):					
Canavalia microcarpa	Hawaii	2			Hawaii.
Canavalia sp. (mauna loa)	do	54			Calif.,* Hawaii.
Lapazia obtecta Ferris (Coccidae):					
Cutting—unknown	Mexico	1			Calif.*
Laspeyresia fabivora Meyrick (Olethreutidae):					
Phaseolus vulgaris var. (string bean)	Ecuador		1		N.Y.
Laspeyresia nigricana (Stph.) (Olethreutidae):					
Pisum sativum (pea)	Italy	1			Mass.
Laspeyresia splendana (Hbn.) (Olethreutidae):					
Castanea sp. (chestnut)	Azores, France, Greece, Italy, Philippines, Portugal, Spain.	48	2		Calif.,* Mass., N.Y., P.R., Tex.
Lecaniodiaspis dendrobii (Dougl.) (Coccidae):					
Orchid	British Honduras			1	Fla.
Lecanium corni Bouche (Coccidae):					
Euonymus pendulus	England			1	D.C.
Robinia sp	France			1	D.C.
Lecanium coryli (L.) (Coccidae):					
Acer caesium	do			1	D.C.
Acer platanoides (Norway maple)	Belgium			1	N.J.
Lechriops psidii Mshl. (Curculionidae):					
Psidium guajava (guava)	Puerto Rico	1			Ill.
Lepidosaphes conchiformis (Gmel.) (Coccidae):					
Diospyros kaki (kaki persimmon)	Japan	1	2		Calif.*
Pyrus pyrifolia (sand pear)	Korea	1			Hawaii.
Lepidosaphes esakii Tak. (Coccidae):					
Pandanus sp	Marshall Islands			1	Hawaii.*

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Lepidosaphes ficus (Sign.) (Coccidae):					
Ficus carica (fig)	Italy			2	Mass., N.Y.
Ficus sp.	do			1	N.Y.
Lepidosaphes kamakurensis Kuw. (Coccidae):					
Camellia japonica (camellia)	Japan			1	D.C.
Lepidosaphes mcgregori Banks (Coccidae):					
Cocos nucifera (coconut)	Guam	2			Hawaii.
Lepidosaphes newsteadi (Sulc.) (Coccidae):					
Juniperus chinensis (Chinese juniper)	Japan			1	Calif.*
Pinus sp. (pine)	do			1	Calif.*
Lepidosaphes pallida (Green) Coccidae):					
Cupressus sp. (cypress)	do			3	Calif.*
Juniperus chinensis (Chinese juniper)	do			2	Calif.*
Juniperus sp. (juniper)	do			2	Calif.*
Taxus sp. (yew)	do			1	Calif.*
Lepidosaphes philococcus (Ckll.) (Coccidae):					
Agave sp.	Mexico			1	Fla.
Cactus	do			1	Tex.
Ferocactus sp.	do			1	Tex.
Lepidosaphes pistaciae Arch. (Coccidae):					
Pistacia sp. (pistache)	Iran, Lebanon	1		1	D.C., Mass.
Lepidosaphes pistaciae f. *pistaciola* Borch. (Coccidae):					
Pistacia vera (pistache)	Iran			1	N.J.
Lepidosaphes tokionis (Kuw.) (Coccidae):					
Anthurium sp.	Hawaii			1	Hawaii.
Codiaeum variegatum (codieum)	do	9		2	Hawaii.
Cordyline terminalis (ti)	do			1	Calif.*
Lepidosaphes tuberculata Mal. (Coccidae):					
Cymbidium chaobee (orchid)	Formosa			1	Hawaii.
Cymbidium kanran	do			2	Hawaii, Hawaii.*
Cymbidium pumilum	Japan			2	Calif.*
Cymbidium simonsianum	Formosa			2	Calif.,* Hawaii.*
Cymbidium sinense	do	1			Hawaii.*
Cymbidium sp.	Australia, England, Fiji Islands, Formosa, Hawaii, Japan, New Zealand.			29	Calif.,* Hawaii, Hawaii,* N.J.
Orchid	Australia, Guatemala, Japan.		1	4	Calif.,* Tex., Wash.
Lepidosaphes tubulorum Ferris (Coccidae):					
Diospyros sp. (persimmon)	Japan		1		Hawaii.
Eurya yakushimensis	do			1	D.C.
Leptoglossus chiliensis (Spin.) (Coreidae):					
Vitis sp. (grape)	Chile	43			N.Y.
Lethocerus indicus (Lep. & Serv.) (Belostomidae):					
Mali bag	West Pacific	1			Hawaii.
Leucaspis cockerelli (de Charm.) (Coccidae):					
Brassia sp. (orchid)	Canal Zone			1	N.J.
Broughtonia sp.	Jamaica			1	Fla.
Citrus aurantifolia (lime)	Panama		1		Calif.*
Citrus grandis (pummelo)	Hawaii	2			Calif.*
Citrus paradisi (grapefruit)	Cuba, Jamaica, Panama		4		Calif.*
Citrus sinensis (orange)	Panama		2		Calif.*
Roystonea regia (royal palm)	Dominican Republic			2	Fla.
Vanda teres (orchid)	Martinique			1	N.J.
Leucaspis loewi Colvee (Coccidae):					
Pinus sylvestris (Scotch pine)	France			1	D.C.
Leucaspis pusilla Loew (Coccidae):					
Pinus sp. (pine)	Portugal	1			N.Y.
Leucaspis riccae Targ. (Coccidae):					
Ephedra sp.	Italy			1	D.C.
Olea europaea (olive)	Greece			1	Mass.
Leucinodes orbonalis Guen. (Pyraustidae):					
Solanum melongena (eggplant)	Nigeria		1		Ala.
Ligyrocoris auriwilliana (Dist.) (Lygaeidae):					
Capsicum frutescens (pepper)	Mexico	1			Ariz.
Cucumis melo cantalupensis (cantaloupe)	do	1			Ariz.
Orchid	Guatemala, Mexico			2	Tex.

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Ligyrocoris nitidicollis (Stal) (Lygaeidae):					
Orchid	Costa Rica, Mexico			2	Tex.
Limax marginatus (Muller) (Mollusca):					
Brassica rapa (turnip)	Australia		1		Mass.
Bromeliad	Costa Rica			1	Fla.
Daucus carota (carrot)	Australia		1		Wash.
Nepenthes sp.	Japan			1	Hawaii.
Orchid	Costa Rica, Guatemala, Mexico.			7	Fla., Tex.
Persea americana (avocado)	Cuba		1		Pa.
Soil with carnation, chrysanthemum, and geranium plants.	Argentina			1	Fla.
Soil with liliaceae bulb	Mexico			1	Tex.
Limax maximus L. (Mollusca):					
Moss packing with fig plant	Italy			1	N.Y.
Limothrips denticornis Hal. (Thripidae):					
Convallaria majalis (lily-of-the-valley)	Denmark			2	N.Y.
Hordeum vulgare (barley)	Poland	1			N.Y.
Triticum aestivum (wheat)	do	1			N.Y.
Lineaspis striata (Newst.) (Coccidae):					
Juniperus oxycedrus (prickly juniper)	Portugal			1	D.C.
Listroderes costirostris obliquus (Klug) (Curculionidae):					
Wood	Hawaii	1			Hawaii.
Listroderes subcincta Boh. (Curculionidae):					
Prunus domestica (plum)	Chile	1			N.Y.
Lobesia botrana (Schiff.) (?) (Olethreutidae):					
Vitis sp. (grape)	Italy	1			N.Y.
Luzulaspis kondarensis Borchs. (Coccidae):					
Bromus sp. (brome)	Iran			1	D.C.
Lycophotia ornea (Bruce) (Noctuidae):					
Chamaedorea oblongata	Mexico	1			Tex.
Lyctoxylon japonum Reitt. (Lyctidae):					
Bamboo	Japan	1			Calif.*
Lyctus africanus Lesne (Lyctidae):					
Bamboo	do	1			Pa.
Wood	India	3			Ill., N.Y.
Lyctus brunneus (Steph.) (Lyctidae):					
Palm wood drum	Kenya	1			Va.
Lygaeus albo-ornatus Blanch. (Lygaeidae):					
Allium cepa (onion)	Chile	1			N.Y.
Lygus gemellatus (Hsiao-Sailer) (Miridae):					
Cichorium intybus (escarole)	Italy		1		N.Y.
Malacosoma neustria (L.) (Lasiocampidae):					
Prunus sp. (cherry)	Japan			1	Hawaii.*
Mamestra brassicae (L.) (Phalaenidae):					
Brassica oleracea capitata (cabbage)	Belgium		1		Tex.
Maruca testulalis (Geyer) (Pyraustidae):					
Cajanus cajan (pigeonpea)	Puerto Rico	2			P.R.
Canavalia sp. (mauna loa)	Hawaii	16			Calif.,* Hawaii.
Phaseolus lunatus (civet bean)	do		1		Calif.*
Phaseolus vulgaris var. (string bean)	Brazil, Ghana, Japan, Puerto Rico.	5	4		Ala., Calif.,* Ill., Mass., N.Y., P.R., St. Thomas and St.John.
Pisum sativum (pea)	Puerto Rico	1			Ill.
Melipotis famelica (Guen.) (Noctuidae):					
Airplane	Bahamas		1		Fla.
Metamasius sericeus (Oliv.) (Curculionidae):					
Musa paradisiaca sapientum (banana)	Ecuador, Honduras, unknown.	61			Calif.,* La., Md., N.Y., Pa., S.C., Tex.
Metamasius sericeus sericeus (Oliv.) (Curculionidae):					
Musa paradisiaca sapientum (banana)	Eduador	1			N.Y.
Micrelus ericae (Gyll.) (Curculionidae):					
Calluna vulgaris (heather)	Scotland	3			Mass., N.Y.
Microcerotermes arboreus Emerson (Termitidae):					
Orchid	Grand Cayman			1	Fla.

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Micrutalis apicalis Godg. (Membracidae):					
Herbaceous plants	Cuba	1			N.Y.
Milax gagates (Drap.) (?) (Mollusca):					
Lactuca sativa (lettuce)	Germany		1		Mich.
Mimosestes sallaei (Sharp) (Bruchidae):					
Acacia farnesiana (sweet acacia)	Hawaii	1			Hawaii.
Legume	do	1			Hawaii.
Cordia sp.	do	1			Hawaii.
Minthea rugicollis (Wlk.) (Lyctidae):					
Hardwood lumber	India	1			Ala.
Molorchus minor (L.) (Cerambycidae):					
Wood	Denmark	1			N.Y.
Monanthia monotropidia Stal (Tingidae):					
Orchid	Brazil			1	Calif.
Monomorium destructor (Jord.) (Formicidae):					
Aponogeton sp.	Ceylon			1	N.Y.
Citrus sinensis (orange)	Jamaica	1			S.C.
Oryza sativa (rice)	Australia		1		S.C.
Morganella longispina (Morg.) (Coccidae):					
Citrus paradisi (grapefruit)	Tahiti		2		Calif.,* Hawaii.
Citrus reticulata (Mandarin orange)	Japan	1	8		Calif.*
Citrus sinensis (orange)	do		2		Calif.*
Dendrobium gordoni (orchid)	Fiji Islands			1	Hawaii.*
Nerium oleander (oleander)	Bermuda	1			Mass.
Plant—unknown	Philippines	1			Calif.*
Mormidea lictiventris Stal (Pentatomidae):					
Orchid	Bahamas			1	Fla.
Myzus ascalonicus Donc. (Aphidae):					
Lactuca sativa (lettuce)	England, Sweden		2		Ill., Pa.
Tulipa sp. (tulip)	Netherlands			1	N.J.
Nasutitermes corniger (Motsch.) (Termitidae):					
Bromeliad	Panama			1	Fla.
Wood—unknown	do	1			Fla.
Nasutitermes costalis (Holmgren) (Termitidae):					
Wood crating	Puerto Rico	1			S.C.
Naupactus xanthographus (Germ.) (Curculionidae):					
Cucumis melo (melon)	Chile	1			N.Y.
Vitis sp. (grape)	do	6			N.Y.
Neodryocoetes guianae Blkm. (Scolytidae):					
Ceratonia siliqua (St. Johns bread)	Trinidad	1			Fla.
Neoleucinodes elegantalis (Guen.) (Pyraustidae):					
Lycopersicon esculentum (tomato)	Mexico	4			Tex.
Solanum melongena (eggplant)	Brazil		1		Pa.
Solanum quitoense	Ecuador	1			Fla.
Neoleucon rubrotylus Carvalho (Miridae):					
Dieffenbachia sp.	Mexico			1	Tex.
Monstera deliciosa	do			1	Tex.
Philodendron sp.	do			2	Tex.
Neotermes chilensis (Blanchard) (Kalotermitidae):					
Vitis sp. (grape)	Chile	1			N.Y.
Nephotettix apicalis (Mots.) (Cicadellidae):					
Airplane	Japan (?)		1		Hawaii.
Nephotettix bipunctatus (F.) (Cicadellidae):					
Airplane	India (?), Philippines		2		Fla., Hawaii.
Nezara viridula (L.) (Pentatomidae):					
Brassica chinensis (Chinese cabbage)	Mexico	1			Ariz.
Capsicum frutescens (pepper)	Puerto Rico	1			P.R.
Vigna sinensis (cowpea)	Mexico	1			Tex.
Vitis sp. (grape)	Chile	9			N.Y.
Zantedeschia aethiopica (calla lily)	Haiti	1			Fla.
Nipponaclerda biwakoensis (Kuw.) (Coccidae):					
Juncus sp. (rush)	Japan	2	1		Calif.
Noropsis hieroglyphica (Cram.) (Noctuidae):					
Airplane	Venezuela		1		Fla.
Ananas comosus (pineapple)	Cuba	1			N.Y.
Nysius coenosulus Stal (Lygaeidae):					
Vanda sp. (orchid)	Hawaii	1			Hawaii.
Nysius raphanus Howard (Lygaeidae):					
Orchid	Guatemala			1	Tex.

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Nysius vinitor (Bergroth) (Lygaeidae):					
Lactuca sativa (lettuce)	Australia	----	1	----	Hawaii.
Orbrium cantharinum (L.) (?) (Cerambycidae):					
Wooden crate	France	1	----	----	N.Y.
Odonaspis ruthae Kot. (Coccidae):					
Cynodon dactylon (Bermuda grass)	Kenya	----	----	1	D.C.
Oebalus insularis Stal (Pentatomidae):					
Orchid	Mexico	----	----	1	Tex.
Oedancala bimaculata (Dist.) (Lygaeidae):					
Orchid	do	----	----	1	Tex.
Ogdoecosta catenulata (Boh.) (Chrysomelidae):					
Bromeliad	do	----	----	1	Tex.
Olethreutes leucotreta (Meyr.) (Olethreutidae):					
Citrus paradisi (grapefruit)	Union of South Africa	----	1	----	Tex.
Citrus sinensis (orange)	do	----	1	----	Mass.
Oligonychus perditus P. & B. (Tetranychidae):					
Thuja sp. (arborvitae)	Japan	----	----	1	Wash.
Opogona subcervinella (Wlk.) (Tineidae):					
With dahlias and gladiolus	Portugal	----	----	1	Mass.
Opuntiaspis carinata (Ckll.) (Coccidae):					
Orchid	Mexico	----	----	1	N.J.
Orchidophilus aterrimus (Waterh.) (Curculionidae):					
Alpinia purpurata	Hawaii	1	----	----	Hawaii.
Anthurium sp.	do	1	----	----	Hawaii.
Dendrobium undulatum (orchid)	Indonesia	----	----	1	Hawaii.
Vanda joaquimae (orchid)	Hawaii	1	----	----	Hawaii.
Vanda sp.	do	26	----	----	Hawaii.
Orthezia pseudinsignis Morr. (Coccidae):					
Citrus sp.	Mexico	1	----	----	Ariz.
Punica granatum (pomegranate)	do	1	----	----	Tex.
Ortholomus jamaicensis (Dallas) (Lygaeidae):					
Airplane	Costa Rica	----	1	----	Fla.
Orychilus allarius (Muller) (Mollusca):					
Pelargonium sp. (geranium)	Netherlands	----	----	1	N.Y.
Soil with shamrock	Ireland	----	----	1	Mich.
Orydema fusiforme Woll. (Curculionidae):					
Alpinia sp. (red ginger)	Hawaii	1	----	----	Hawaii.
Dendrobium sp. (orchid)	do	1	----	----	Hawaii.
Macadamia sp.	do	1	----	----	Hawaii.
Mail parcel	do	2	----	----	Hawaii.
Suitcase	Midway Islands	1	----	----	Hawaii.
Oxygrylius ruginasus (Lec.) (Scarabaeidae):					
Triticum aestivum (wheat)	Mexico	----	1	----	Calif.
Ozophora concava (Dist.) (Lygaeidae):					
Cycad	do	----	----	1	Tex.
Ozophora consanguineus (Dist.) (Lygaeidae):					
Agave sp.	do	----	----	1	Ariz.
Pachodynerus nasidens (Latr.) (Vespidae):					
Airplane	do	----	1	----	Tex.
Pachybrachius albocinctus Barber (Lygaeidae):					
Hibiscus esculentus (okra)	Cuba	1	----	----	La.
Pachybrachius nigriceps (Dallas) (Lygaeidae):					
Airplane	South Pacific	----	1	----	Hawaii
Pachygrontha vedancalodes Stal (Lygaeidae):					
Orchid	Mexico	----	----	1	Tex.
Pachyzancla bipunctalis (F.) (?) (Pyraustidae):					
Ambrosia peruviana ("altarnisa")	Puerto Rico	1	----	----	Ill.
Pachyzancla periusalis (Wlk.) (Pyraustidae):					
Capsicum frutescens (pepper)	do	1	----	----	Ill.
Solanum sp.	do	1	----	----	Ill.
Pagiocerus fiorii (Eggers) (Scolytidae):					
Zea mays (corn)	Ecuador, Peru	4	----	----	Fla., La
Palaeocorynus nigrosignatus Duviv. (Curculionidae):					
Log—unknown	French West Africa	1	----	----	S.C.
Palaeopus costicollis Mshl. (Curculionidae):					
Dioscorea sp. (yam)	Jamaica	1	----	----	N.Y.
Paragonatus divergens (Dist.) (Lygaeidae):					
Airplane	Mexico	----	1	----	Tex.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
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Parlatoria camelliae Comst. (Coccidae):					
Buxus sp. (box)	Iran	----	----	1	D.C.
Camellia japonica	Japan, Portugal, Switzerland.	1	----	2	Calif.,* Hawaii, N.Y.
Camellia sasanqua (sasanqua camellia)	Japan	----	----	2	D.C.
Camellia sp	Japan, Portugal	----	----	9	Calif.,* D.C., Hawaii.
Eurya japonica	Japan	----	1	----	Pa.
Parlatoria cinerea Hadden (Coccidae):					
Citrus aurantifolia (sour lime)	Mexico	----	1	----	Calif.*
Citrus limon (lemon)	Argentina, unknown	1	1	----	Calif.*
Citrus paradisi (grapefruit)	Canal Zone, Colombia, Tahiti, Trinidad, unknown.	1	5	----	Calif.,* Hawaii.
Citrus sinensis (orange)	Argentina, Brazil, Canal Zone, Panama.	2	5	----	Calif.,* Fla.
Parlatoria citri McKenzie (Coccidae):					
Citrus sp	Thailand	1	----	----	Hawaii.,
Parlatoria crotonis Dougl. (Coccidae):					
Codiaeum variegatum (codieum)	Cuba, Hawaii	4	----	----	Fla., Hawaii.
Parlatoria oleae (Colvee) (Coccidae):					
Malus sylvestris (apple)	Greece, Italy	2	----	----	Mass., N.Y.
Olea europaea (olive)	Greece	1	----	----	Mass.
Prunus amygdalus (almond)	do	----	----	1	Mass.
Prunus armeniaca (apricot)	Italy	----	----	1	D.C.
Rosa sp	Iran	----	----	1	D.C.
Parlatoria proteus (Curt.) (Coccidae):					
Ascocentrum sp	Jamaica	----	----	1	Fla.
Parlatoria pseudaspidiotus Ldgr. (Coccidae):					
Orchid	Indonesia, New Zealand	----	----	2	Calif.,* Hawaii.*
Vanda hookeriana (orchid)	Indonesia	----	----	1	N.J.
Vanda teres	do	----	----	1	N.J.
Vanda sp	American Samoa, Colombia, Panama.	1	----	2	Fla., Hawaii.
Parlatoria zizyphus (Lucas) (Coccidae):					
Citrus aurantifolia (lime)	Hawaii, Thailand	2	----	----	Calif.,* Hawaii.
Citrus aurantifolia (sour lime)	China, Japan	----	2	----	Calif.*
Citrus grandis (pummelo)	China, Federation of Malaya, Formosa, Hong Kong, Japan, Philippines, Singapore, South Pacific.	5	7	----	Calif.,* Hawaii.
Citrus limon (lemon)	Italy, Japan, unknown	3	8	----	Calif.*
Citrus paradisi (grapefruit)	French West Africa, Japan, Tunisia.	----	3	----	Calif.,* Mass., Pa.
Citrus reticulata (Mandarin orange)	Algeria, China, Formosa, France, French West Africa, Hong Kong, unknown.	5	9	----	Calif.,* Hawaii, Mass., Tex.
Citrus sinensis (orange)	Algeria, China, France, Italy, Japan, Morocco, Spain.	1	9	----	Calif.,* Mass., Pa.
Citrus sp	Cuba	1	----	----	Fla.
Parmena balteatus (L.) (Cerambycidae):					
Allium sativum (garlic)	Italy	1	----	----	N.Y.
Paromius longulus (Dallas) (Lygaeidae):					
Airplane	Guatemala	----	1	----	Fla.
Bromeliad	Honduras	----	----	1	Fla.
Orchid	Mexico	----	----	2	Tex.
Rosa sp. (rose)	Guatemala	1	----	----	Fla.
Pectinophora gossypiella (Saund.) (Gelechiidae):					
Gossypium sp. (cotton; boll)	Jamaica, Mexico	3	1	----	Fla., Tex.
Gossypium sp. (cottonseed)	Anglo-Egyptian Sudan, Antigua, Cuba, Eleuthera Island, Hawaii, Mexico, Paraguay.	5	1	1	Calif.,* Fla., La., N.J., Tex.
Gossypium sp. (seed cotton)	Mexico	1	5	----	Ariz., Tex.
Hibiscus esculentus (okra)	Barbados, Dominican Republic, Mexico.	2	1	----	N.Y., Pa., Tex.

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Pectinophora gossypiella (Saund.) (?) (Gelechiidae):					
Malvaceae seed	Angola			1	D.C.
Pentalonia nigronervosa Coq. (Aphidae):					
Caladium sp	Trinidad	1			Va.
Pentamerismus oregonensis McG. (Tenuipalpidae):					
Juniperus chinensis (Chinese juniper)	Japan			1	Hawaii.*
Pentodon punctatus Villers (Scarabaeidae):					
Soil with thistle	Italy			1	N.Y.
Perkinsiella saccharicida Kirk. (Delphacidae):					
Airplane	Hawaii		3		Hawaii.
Pheidole megacephala (F.) (Formicidae):					
Ananas comosus (pineapple)	Cuba	5			La., N.Y.
Artocarpus communis (breadfruit)	do	1			N.Y.
Asplenium sp. (fern)	Palmyra Island			1	Hawaii.
Cajanus cajan (pigeonpea)	Bahamas	1			Fla.
Cordyline terminalis (ti)	Hawaii	1			Hawaii.
Izora sp	Guam			1	Hawaii.*
Rumex sp. (sorrel)	Panama	1			Fla.
Phelomerus aberrans (Sharp) (Bruchidae):					
Cassia fistula (golden-shower)	Venezuela	1			N.Y.
Cassia sp	Brazil			1	D.C.
Phenacaspis dendrobii Kuw. (Coccidae) (tentative):					
Dendrobium sp. (orchid)	Singapore			1	Hawaii.
Rhynchostylis retusa (orchid)	Indonesia			2	Hawaii, Hawaii.*
Phenacoccus gossypii Towns. & Ckll. (Coccidae):					
Lilium sp. (lily)	Bermuda	1			N.Y.
Pelargonium sp. (geranium)	Mexico			1	Calif.
Sechium edule (chayote)	do			1	Calif.
Phenacoccus hirsutus Green (Coccidae):					
Piper nigrum (black pepper)	Thailand			1	D.C.
Phera centrolineata (Sign.) (Cicadellidae):					
Gladiolus sp	Mexico	1			Calif.*
Philaenus leucophthalmus (L.) (Cercopidae):					
Soil with fir trees	Canada			1	N.J.
Phloetribus scarabaeoides (Bern.) (Scolytidae):					
Olea europaea (olive)	Italy	1			N.Y.
Phlyctinus callosus Boh. (Curculionidae):					
Vitis sp. (grape)	Union of South Africa	4			N.Y.
Pholiodoforus advena Zimm. (Curculionidae):					
Plumeria sp	Hawaii			1	Hawaii.
Phyllocnistis citrella Stainton (Gracilariidae):					
Citrus aurantifolia (sour lime)	Philippines		1		Calif.*
Phyllocnistis saligna Zell. (Gracilariidae):					
Citrus sinensis (orange)	Japan		1		Calif.*
Phytomyza rufipes Meig. (Agromyzidae):					
Brassica oleracea acephala (kale)	Sweden		1		Pa.
Brassica oleracea botrytis (cauliflower)	Belgium, England, France, Germany, Netherlands, Poland, Sweden.		29		Fla., Pa., Tex.
Brassica oleracea capitata (cabbage)	England		2		Pa.
Brassica rapa (turnip)	Belgium		1		Pa.
Cichorium endivia (endive)	Belgium, Netherlands	2			N.Y.
Cichorium intybus (chickory)	Belgium	3			N.Y.
Piezodorus rubrofasciatus (F.) (Pentatomidae):					
Airplane	Japan		1		Hawaii.
Pinnaspis buxi (Bouche) (Coccidae):					
Anthurium sp	Hawaii			1	Hawaii.
Cordyline terminalis (ti)	do	14		2	Hawaii.
Cordyline sp	do	3		2	Calif.,* Hawaii.
Dendrobium sp. (orchid)	New Guinea			1	Hawaii.
Monstera sp	Hawaii			1	Hawaii.
Neomoorea irrorata (orchid)	Canal Zone			2	Hawaii, Hawaii.*
Philodendron sp	Costa Rica, Hawaii			2	Fla., Hawaii
Plant—unknown	Japan		1		Calif.*
Pinnaspis caricis Ferris (Coccidae):					
Liriope graminifolia (mondo grass)	Hawaii			1	Hawaii.

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Pinnaspis uniloba (Kuw.) (Coccidae):					
Leaf—unknown	Japan	----	1	----	Calif.*
Pityogenes chalcographus (L.) (Scolytidae):					
Wooden crate	Belgium, Sweden	2	----	----	Fla., Mass.
Plagiodera semivittata Stal (Chrysomelidae):					
Orchid	Mexico	----	----	1	Tex.
With orchids and bromeliads	do	----	----	1	Ariz.
Plagiodera thymaloides Stal (Chrysomelidae):					
Bromeliaceae	Honduras	----	----	1	Calif.*
Laelia anceps (orchid)	Mexico	----	----	1	Tex.
Orchid	do	----	----	8	Tex.
Planococcus hoznyi Ezzat & McConnell (Coccidae):					
Orchid	Liberia	----	----	1	N.Y.
Platynota rostrana (Wlk.) (Tortricidae):					
Capsicum frutescens (pepper)	Cuba	2	----	----	Fla., N.Y.
Capsicum frutescens grossum (bell pepper)	do	1	----	----	N.Y.
Gossypium sp. (cotton; boll)	Mexico	1	----	----	Tex.
Lycopersicon esculentum (tomato)	Dominican Republic	1	----	----	Md.
Musa paradisiaca (plantain)	Cuba	1	----	----	Fla.
Sechium edule (chayote)	Panama	1	----	----	N.Y.
Platypus rugulosus Chap. (Platypodidae):					
Copaifera hemitomophylla ("cativo")	Colombia	3	----	----	Ga.
Plusia chalcites (Esp.) (Noctuidae):					
Airplane	Hawaii, Japan	----	2	----	Hawaii.
Cordyline terminalis (tl)	Hawaii	1	----	----	Hawaii.
"Poliaspis" pini Mask. (Coccidae):					
Pinus peniaphylla	Japan	----	----	1	Calif.*
Pinus sp., near *densiflora*	do	----	----	1	Calif.*
Pinus sp. (2-leaved pine)	do	----	3	----	Calif.,* Mass.
Pinus sp. (pine)	do	----	1	1	Calif.,* Pa.
Porphyrobaphe iostoma (Sowerby) (Mollusca):					
Musa paradisiaca sapientum (banana)	Ecuador	6	----	----	Calif.,* La., N.Y., Pa.
Prays endocarpa Meyr. (Hyponomeutidae):					
Citrus grandis (pummelo)	Federation of Malaya	----	1	----	Calif.*
Prays oleellus (F.) (Hyponomeutidae):					
Olea europaea (olive)	Italy	1	----	----	N.Y.
Procryptotermes hubbardi (Banks) (Kalotermitidae):					
Buxus sp. (box)	Mexico	1	----	----	Ariz.
Prodenia litura (F.) (Noctuidae):					
Airplane	Australia(?), Japan(?), West Pacific.	----	3	----	Hawaii.
Protactia orientalis (Gory & Perch.) (Scarabaeidae):					
Airplane	Japan	----	1	----	Hawaii.
Protopulvinaria pyriformis (Ckll.) (Coccidae):					
Brassaia actinifolia	Bahamas	----	1	----	N.Y.
Ixora sp	Trinidad	----	----	1	Fla.
Leaf—unknown	Barbados	1	----	----	Mass.
Schefflera digitata	Bahamas	----	1	----	N.Y.
Pseudaonidia clavigera (Ckll.) (Coccidae):					
Rhododendron sp. (azalea)	Japan	----	----	1	Calif.*
Pseudaonidia curculiginis (Green) (Coccidae):					
Cymbidium atropurpureum (orchid)	Philippines	----	----	1	Calif.*
Pseudaonidia duplex (de Charm.) (Coccidae):					
Rauwolfia sp	New Caledonia	1	----	----	D.C.
Pseudaonidia paeoniae (Ckll.) (Coccidae):					
Cotoneaster sp	Japan	----	----	2	Hawaii, Hawaii.*
Pseudaonidia tesserata de Charm. (Coccidae):					
Reinhardtia sp. (palm)	Mexico	----	----	1	Tex.
Pseudaonidia trilobitiformis Green (Coccidae):					
Citrus aurantifolia (lime)	Bolivia	1	----	----	Calif.*
Citrus limon (lemon)	Argentina, Brazil	----	2	----	Calif.,* Fla.
Citrus sinensis (orange)	Argentina	----	1	----	Calif.*
Ixora sp	Colombia, Trinidad	----	----	3	Fla.
Leaf—unknown	Barbados	1	----	----	Mass.
Myristica fragrans (nutmeg)	Trinidad	----	----	1	Fla.

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Pseudischnaspis alienus (Newst.) (Coccidae):					
Anthurium sp.	Mexico			1	Tex.
Brassavola digbyana (orchid)	Honduras			1	Fla.
Cattleya sp (orchid)	British Honduras, Honduras, Venezuela.			5	Fla., N.J., Tex.
Epidendrum sp. (orchid)	Salvador			1	Fla.
Orchid	British Honduras, Canal Zone, Costa Rica, El Salvador, Honduras, Mexico, Venezuela.			14	Ariz., Calif.,* Fla., P.R., Tex.
Schomburgkia sp. (orchid)	Nicaragua			1	Fla.
Pseudischnaspis bowreyi (Ckll.) (Coccidae):					
Agave sp.	Cuba			1	Fla.
Cannabis sativa (hemp)	do			1	N.Y.
Pseudischnaspis longissima (Ck 11.) (Coccidae):					
Mangifera indica (mango)	Nicaragua	1			Calif.*
Orchid	Mexico			1	Ariz.
Pseudococcus azaleae (Tins.) (Coccidae):					
Diospyros kaki (kaki persimmon)	Japan	1			Hawaii.
Pseudococcus citricus (Ezzat & McConnell) (Coccidae):					
Annona sp	Azores	1			Mass.
Citrus sinensis (orange)	Greece	1			N.Y.
Pilea pubescens	Italy			1	D.C.
Pseudococcus cualatensis (Ckll.) (Coccidae):					
Yucca sp.	Mexico			1	Tex.
Pseudococcus gahani Green (Coccidae):					
Oreopanax sp.	France			1	D.C.
Prunus domestica (plum)	Chile	1			N.Y.
Pyrus communis (pear)	do	1			N.Y.
Rhododendron supranubium	Scotland			1	D.C.
Rhododendron zeylanicum	do			1	D.C.
Scheffiera delavayi	France			1	D.C.
Pseudococcus kraunhiae (Kuw.) (Coccidae):					
Diospyros kaki (kaki persimmon)	Japan		1		Hawaii.
Diospyros spp. (persimmon)	do	1			Hawaii.
Pseudococcus lilacinus Ckll. (Coccidae):					
Lansium domesticum (langsat)	Philippines	1			Hawaii.
Lansium sp.	do		1		Hawaii.
Pseudococcus palmarum (Ehrh.) (Coccidae):					
Cocos nucifera (coconut)	Hawaii, Kwajalein	10	1	1	Calif.,* Hawaii, Wash.
Pseudococcus pandani Ckll. (Coccidae):					
Pandanus sp.	Ponape			1	Hawaii.*
Pseudodiaspis yuccae (Ckll.) (Coccidae):					
Cactus	Mexico			3	Ariz.
Carnegiea gigantea ("pitaya" cactus)	do			1	Ariz.
Pseudoparlatoria ostreata Ckll. (Coccidae):					
Carica papaya (papaya)	Cuba	1			Fla.
Epidendrum sp. (orchid)	Mexico			1	Tex.
Oncidium pulchellum (orchid)	Jamaica			1	Hawaii.
Oncidium sp.	El Salvador			1	Fla.
Orchid	Guatemala, Honduras			2	Fla., Tex.
Pseudothrips glaucus Bagn. (?) (Thripidae):					
Erica albens	Union of South Africa	1			N.Y.
Psylliodes chrysocephala (L.) (Chrysomelidae):					
Brassica rapa (turnip)	France		1		Pa.
Pulvinaria camelicola Sign. (Coccidae):					
Camellia japonica (camellia)	England			1	Wash.
Pulvinaria floccifera (Westw.) (Coccidae):					
Camellia sasanqua (sasanqua camellia)	Portugal			1	D.C.
Pulvinaria psidii Mask. (Coccidae):					
Bryophyllum sp.	Hawaii			1	Hawaii.
Gardenia augusta (gardenia)	Hawaii, Japan	2			Hawaii.
Litchi chinensis (lychee)	Hawaii	2			Hawaii.
Plant—unknown	do	1			Hawaii.
Sedum sp.	Bermuda			1	Mass.
Pulvinaria urbicola Ckll. (Coccidae) (tentative):					
Malpighia punicifolia (acerola)	Puerto Rico			1	Hawaii.*
Pulvinaria vitis (L.) (Coccidae):					
Acer sp. (maple)	France		1		Ill.
Prunus persica (peach)	Canada			1	N.J.

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Puto mexicanus (Ckll.) (Coccidae):					
Pelargonium sp. (geranium)	Mexico	----	----	1	Tex.
Yucca sp	do	----	----	1	Ariz.
Puto ulter Ferris (Coccidae):					
Cattleya bowringiana (orchid)	Guatemala	----	----	1	Calif.*
Laelia superbiens (orchid)	do	----	----	2	Tex.
Lycaste skinneri (orchid)	do	----	----	2	Calif.,* Tex.
Odontoglossum grande (orchid)	do	----	----	1	Calif.*
Odontoglossum pulchellum	do	----	----	1	Calif.*
Orchid	Costa Rica, Guatemala, Mexico.	----	----	5	Fla., Tex.
Pyrausta nubilalis (Hbn.) (Pyraustidae):					
Capsicum frutescens (pepper)	Israel, Italy	1	1	----	N.Y.
Cucumis sativus (cucumber)	Italy	----	1	----	La.
Lycopersicon esculentum (tomato)	do	----	1	----	N.Y.
Phaseolus vulgaris var. (string bean)	Japan	----	2	----	Calif.,* Wash.*
Sorghum vulgare technicum (broomcorn)	Yugoslavia	----	1	----	N.Y.
Zea mays (corn)	Italy	1	----	----	Calif.*
Pyrophorus noctilucus (L.) (Elateridae):					
Saccharum officinarum (sugarcane)	Cuba	1	----	----	Fla.
Ragibus apicalis (Dallas) (Lygaeidae):					
Vitis sp. (grape)	Union of South Africa	1	----	----	N.Y.
Reticulitermes flavipes (Kollar) (Rhinotermitidae):					
Wooden box	Mexico	1	----	----	Tex.
Reticulitermes tibialis Banks (Rhinotermitidae):					
Cactus	do	----	----	1	Ariz.
Rhagoletis cerasi (Loew) (Tephritidae):					
Prunus sp. (cherry)	Azores, Belgium, France, Germany, Italy, Portugal, Spain, Switzerland, unknown.	8	22	----	Ill., La., Mass., Mich., N.Y.
Rhagoletis juglandis Cress. (Tephritidae):					
Juglans nigra (black walnut)	Mexico	1	----	----	Tex.
Rhinochenus stigma (L.) (Curculionidae):					
Hymenaea courbaril (courbaril)	Panama	1	----	----	Fla.
Rhinostomus barbirostris (F.) (Curculionidae):					
Cocos nucifera (coconut)	Honduras	2	----	----	La.
Rhoecocoris sulciventris (Stal) (?) (Pentatomidae):					
Gladiolus sp	Australia	1	----	----	Hawaii.
Rhopalosiphum crataegellum Theob. (Aphidae):					
Malus sp. (apple)	Netherlands	----	----	1	N.J.
Rhopalosiphum rufiabdominalis (Sasaki) (Aphidae):					
Orchid	Mexico	----	----	1	Tex.
Ribua innoxia Hein. (Phycitidae):					
Ananas comosus (pineapple)	Cuba, Dominican Republic.	21	----	----	Fla., La., N.Y.
Ripersiella palastiniae Hambl. (Coccidae):					
Lilium sp. (lily)	Greece	----	----	1	N.Y.
Rupela tinctella (Wlk.) (Schoenobiidae):					
Airplane	Venezuela	----	1	----	Fla.
Scolopostethus decoratus (Hahn) (Lygaeidae):					
Calluna vulgaris (heather)	Scotland	----	----	1	N.Y.
Selenothrips rubrocinctus (Giard) (Thripidae):					
Mangifera indica (mango)	Puerto Rico	----	----	1	P.R.
Sinoxylon anale Lesne (Bostrichidae):					
Wooden crate	India	1	----	----	N.Y.
Sinoxylon conigerum Gerst. (Bostrichidae):					
Airplane	Hawaii	----	1	----	Hawaii.
Wood	India	1	----	----	Ala.
Siphanta acuta (Wlk.) (Flatidae):					
Flowers	Hawaii	1	----	----	Hawaii.
Vanda joaquimiae (orchid)	do	1	----	----	Hawaii.
Vanda sp.	do	1	----	----	Calif.*
Sitona lineata (L.) (Curculionidae):					
Moss	Netherlands	----	----	1	N.J.
Spanioneura fonscolombei Foerst. (Psyllidae):					
Buxus sempervirens (box)	Italy	----	----	1	D.C.
Spermophagus sericeus Geoffr. (?) (Bruchidae):					
Ipomoea tricolor (tricolor morning-glory)	do	----	----	1	D.C.

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Stator limbatus Horn (Bruchidae):					
Pithecellobium brevifolium	Mexico			1	D.C.
Stator pruininus (Horn) (Bruchidae):					
Acacia sp.	do			1	Tex.
Steneotarsonemus laticeps (Halb.) (Tarsonemidae):					
Narcissus 'Osterfreude'	Germany			1	N.J.
Narcissus sp.	England			1	N.J.
Stenoma catenifer Wlsm. (Stenomidae):					
Persea americana (avocado)	Brazil, Colombia, Ecuador, El Salvador, Guatemala, Mexico, Nicaragua, Panama, Peru, Venezuela.	21	6		Ala., Calif.,* Fla., La., Pa., Tex.
Stenoma decora (Zell.) (Stenomidae):					
Theobroma cacao (cacao)	Trinidad		1		Ala.
Stenoptilia stigmatodactyla Zell. (Pterophoridae):					
Gentiana sp.	Switzerland	1			N.Y.
Stephanitis nashi Esaki and Takeya (Tingidae):					
Camellia sasanqua (sasanqua camellia)	Japan			1	D.C.
Stephanitis pyrioides Scott (Tingidae):					
Rhododendron sp. (azalea)	do			1	Wash.
Stephanoderes hampei (Ferr.) (Scolytidae):					
Coffea sp. (coffee)	Brazil, Egypt, India	3	2		Fla., N.Y., Tex., Va.
Sternochetus mangiferae (F.) (Curculionidae):					
Mangifera indica (mango)	Eniwetok(?), Guam, Hawaii, Philippines, Vietnam.	82	25	11	Calif.,* Ga., Hawaii, Tex.
Mangifera sp.	Australia			1	Hawaii.
Stoeberhinus testaceus Butl. (Gelechiidae):					
Airplane	Philippines		1		Hawaii.
Syagrius fulvitarsis Pascoe (Curculionidae):					
Foliage	Hawaii	1			Hawaii.
Sybra alternans (Wied.) (Cerambycidae):					
Bougainvillea sp.	do	1			Hawaii.
Clothing	do	1			Hawaii.
Cordyline terminalis (ti)	do			1	Hawaii.
Leucaena glauca	do	1			Hawaii.
Macadamia sp.	do	1			Hawaii.
Momordica sp.	do	1			Hawaii.
Operculina tuberosa (wood-rose)	do	2			Hawaii.
Paper	do	1			Hawaii.
Synyrias diffundens (Wlk.) (Noctuidae):					
Soil samples	Mexico	1			Ariz.
Systole geniculata Foerster (Eurytomidae):					
Seeds—unknown	Dominican Republic			1	Fla.
Taeniothrips atratus (Hal.) (Thripidae):					
Aster sp.	France	1			N.Y.
Calluna vulgaris (heather)	England, Scotland	3			Ill., N.Y.
Dahlia sp.	Germany	1			Mich.
Flowers	England, Netherlands	2			Mass., N.Y.
Lathyrus odoratus (sweetpeas)	Unknown		1		Mass.
Taeniothrips dianthi Pr. (Thripidae):					
Dianthus caryophyllus (carnation)	Germany	1			Mass.
Taeniothrips ericae (Hal.) (Thripidae):					
Calluna vulgaris (heather)	Canada, Germany, Scotland.	5		1	N.Y., Wash.
Taeniothrips gracilis Mlt. (Thripidae):					
Lycoris squamigera (autumn lycoris)	Japan			1	Calif.*
Lycoris sp.	do			9	Calif.,* N.J., N.Y.
Tulipa sp.	do			1	N.Y.
Taeniothrips hawaiiensis (Morg.) (Thripidae):					
Chrysanthemum sp.	do	1	1		Hawaii.
Dianthus caryophyllus (carnation)	do	1			Hawaii.
Gardenia augusta (gardenia)	Hawaii	23			Hawaii.
Lilium longiflorum (Easter lily)	Japan	1			Hawaii.
Plumeria acuminata (Mexican frangipani)	Hawaii	1			Hawaii.
Plumeria sp.	do	3			Hawaii.
Taeniothrips picipes (Zett.) (Thripidae):					
Gentiana sp. (gentian)	Switzerland	1			N.Y.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
Talponia batesi Hein. (Oletbreutidae):					
Annona cherimola (cherimoya)	Mexico	3	----	----	Tex.
"*Targionia*" *bromiliae* (Leon.) (Coccidae):					
Ananas comosus (pineapple)	Mexico, Ponape	1	1	----	Hawaii, Tex.
"*Targionia*" *hartii* (Ckll.) (Coccidae):					
Dioscorea sp. (yam)	British West Indies, St. Kitts.	3	----	----	Calif.,* N.Y.
Targionia laurina Ldgr. (Coccidae):					
Apollonias canariensis	Portugal	----	----	1	D.C.
Tenthecoris angustimarginatus Hsiao & Sailer (Miridae):					
Epidendrum fragrans (orchid)	Mexico	----	----	1	Tex.
Tenthecoris bicolor Scott (Miridae):					
Odontoglossum sp. (orchid)	Guatemala	----	----	1	Fla.
Orchid	Mexico	----	----	7	Tex.
Philodendron sp	do	----	----	1	Tex.
Tenthecoris confusus Hsiao & Sailer (Miridae):					
Oncidium sp. (orchid)	Guatemala	----	----	1	Fla.
Orchid	Costa Rica, Guatemala, Mexico.	----	----	14	Calif.,* Fla., Tex.
Tenthecoris distinguendus Hsiao & Sailer (Miridae):					
Epidendrum radicans (orchid)	Canal Zone, Costa Rica	----	----	2	Fla.
Epidendrum sp	Panama	----	----	1	Fla.
Orchid	Canal Zone	----	----	2	Fla.
Tenthecoris vestitus (Dist.) (Miridae):					
Oncidium splendidum (orchid)	Honduras	----	----	1	Fla.
Orchid	Guatemala	----	----	1	Fla.
Tenuipalpus pacificus Baker (Tenuipalpidae):					
Orchid	Philippines	----	----	1	Hawaii.*
Tetraleurodes acaciae (Q.) (Aleyrodidae):					
Bauhinia sp	Mexico	----	----	1	Tex.
Leaf—unknown	Mexico(?)	----	1	----	Tex.
Plant—unknown	Mexico	1	----	----	Tex.
Tetraleurodes ursorum (Ckll.) (Aleyrodidae):					
Citrus sinensis (orange)	do	1	----	----	Tex.
Citrus sp	do	7	----	----	Tex.
Leaf—unknown	do	1	----	----	Tex.
Plant—unknown	do	1	----	----	Tex.
Rosa sp. (rose)	do	1	----	----	Tex.
Tetranychus cinnabarinus (Bois.) (Tetranychidae):					
Iodina rhombifolia	Monaco	----	----	1	D.C.
Tetranychus cucurbitae R. & P. (Tetranychidae):					
Acalypha sp	Jamaica	----	----	1	Fla.
Tetranychus desertorum Banks (Tetranychidae):					
Cordia sp	Mexico	1	----	----	Tex.
Soil with oxalis plants	do	----	----	1	Ariz.
Tetranychus lobosus Boudreaux (Tetranychidae):					
Rosa sp	do	----	----	1	Tex.
Tetranychus tumidus Banks (Tetranychidae):					
Plant—unknown	Cuba	1	----	----	Fla.
Texananus spatulatus (Van D.) (Cicadellidae):					
Cucumis melo cantalupensis (cantaloupe)	Mexico	1	----	----	Ariz.
Theba pisana (Muller) (Mollusca):					
Conex box	Morocco, Spain	2	----	----	N.Y.
Cargo—general	Mediterranean region, Morocco.	2	----	----	La.
Military cargo	Libya, Morocco	25	----	----	Ala., La., Mass., N.Y., S.C.
Packing case	Morocco	1	----	----	N.Y.
Petroselinum crispin (parsley)	Spain	----	1	----	Pa.
Wooden crate	Morocco	2	----	----	Ala.
Thecla ziba Hew. (Lycaenidae):					
Ananas comosus (pineapple)	Mexico	1	----	----	Tex.
Strelitzia sp	Colombia	1	----	----	N.Y.
Thrips angusticeps Uzel (Thripidae):					
Lactuca sativa (lettuce)	Portugal	----	1	----	Mass.
Thrips flavus Schrank (Thripidae):					
Anemone sp	England	----	----	1	N.Y.
Antirrhinum sp	Germany	1	----	----	Pa.
Bellis sp	do	1	----	----	Pa.

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[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
Thrips flavus Schrank (Thripidae)—Con.					
Chrysanthemum sp	Germany	1			Ill.
Flowers	England	2	1		Mass., N.Y.
Lathyrus odoratus (sweetpea)	Germany		1		Ill.
Polianthes tuberosa (tuberose)	do	1			Ill.
Thrips fuscipennis (Hal.) (Thripidae):					
Rosa sp. (rose)	England		1		Mass.
Thrips imaginis Bgn. (Thripidae):					
Chrysanthemum sp	Australia	1			Hawaii.
Delphinium sp. (larkspur)	do	1			Hawaii.
Nymphaea sp. (waterlily)	do	1			Hawaii.
Thrips major Uzel (Thripidae):					
Aster sp	France	1			N.Y.
Calluna vulgaris (heather)	Germany, Netherlands	2			N.Y.
Flowers	England, Ireland	4		1	Mass., N.Y.
Lathyrus odoratus (sweetpea)	Germany	1			Ill.
Olinia cymosa	Italy			1	D.C.
Potentilla sp	Scotland			1	D.C.
Rosa sp. (rose)	England	1			Mass.
Thyanta antiguensis (Westw.) (Pentatomidae):					
Automobile	Mexico		1		Tex.
Trialeurodes abutilonea (Hald.) (Aleyrodidae):					
Althaea sp. (hollyhock)	do	1			Ariz.
Ruta graveolens (rue)	do	3			Tex.
Trialeurodes lauri (Sign.) (Aleyrodidae):					
Eugenia sp.(?)	Italy			1	Ill.
Laurus nobilis (Grecian laurel)	do		2		N.Y.
Laurus sp.(?)	do	1			Ill.
Trialeurodes similis Rsl. (Aleyrodidae):					
Rutaceae(?)	Mexico	1			Tex.
Turnera diffusa	do	1			D.C.
Trialeurodes tabaci Bondar (Aleyrodidae):					
Oxalis sp	Brazil			1	Fla.
Trialeurodes tephrosiae Rsl. (Aleyrodidae):					
Tunera diffusa	Mexico	1			D.C.
Trialeurodes variabilis (Q.) (Aleyrodidae):					
Leaf—unknown	do	1			Tex.
Trialeurodes vitrinellus Ckll. (Aleyrodidae):					
Citrus sp	do	4			Ariz., Tex.
Trionymus lounsburyi (Brain) (Coccidae):					
Amaryllis sp	Unknown			1	Tex.
Trionymus sacchari (Ckll.) (Coccidae):					
Saccharum officinarum (sugarcane)	Dominican Republic, Puerto Rico.	1	1		N.Y., Tex.
Trogoderma glabrum (Hbst.) (Dermestidae):					
Grain	Mexico	1	4		Ariz., Tex.
Railway car	do		3		Ariz., Tex.
Triticum aestivum (wheat)	do		7		Tex.
Trogoderma granarium Everts (Dermestidae):					
Arachis hypogaea (peanut)	Portugal	1			N.Y.
Bagging	India, Netherlands	5	1		Tex.
Bean—dry	Netherlands		1		Tex.
Flour	England, Netherlands		5		Fla., Tex.
Oryza sativa (rice)	Brazil, China, Formosa, unknown.		15		Ala., Md., Pa., Va.
Prunus persica (peach)	Unknown		1		Ga.
Stores—dry	do		1		La.
Triticum aestivum (wheat)	Italy, Mexico, Union of South Africa.	1	2		Calif., Tex., Va.
Unknown	India, unknown	2	1		Ill., La.
Trogoderma inclusum LeConte (Dermestidae):					
Birds—stuffed	Greece	1			N.Y.
Railway car	Mexico		1		Tex.
Triticum aestivum (wheat)	do		1		Tex.
Trogoderma insulare Chevr. (Dermestidae):					
Bean	Hawaii	1			Hawaii.
Trogoderma parabile Beal (Dermestidae):					
Agaricus campestris (mushroom)	Mexico	1			Calif.
Bran	do	1			Ariz.
Crataegus sp. (hawthorn)	do	1			Ariz.
Feed—mixed	do	1			Ariz.
Flour sacks	do		1		Ariz.
Grits	Unknown		1		Tex.

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[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
Trogoderma parabile Beal (Dermestidae)—Con.					
Package	Mexico	1			Tex.
Prunus amygdalus (almond)	do			1	Tex.
Trogoderma parabile Beal(?) (Dermestidae):					
Bamboo	Japan	1			Pa.
Trogoderma sternale Jayne ssp. (Dermestidae):					
Airplane	Mexico, Panama		2		Fla., Tex.
Tyrophagus infestans (Berl.) (Acaridae):					
Armoracia rusticana (horseradish)	Argentina		1		Mass.
Beta vulgaris (beet)	Ceylon		1		Mass.
Solanum tuberosum (potato)	Belgium, Netherlands		3		Fla.
Zingiber officinale (ginger)	French West Africa		1		Mass.
Unaspis citri (Comst.) (Coccidae):					
Citrus limon (lemon)	Fiji Islands		1		Calif.*
Citrus paradisi (grapefruit)	Canal Zone, Cuba, Jamaica, Mexico, Panama.		5		Calif.*
Citrus sinensis (orange)	Canal Zone, Peru		2		Calif.*
Unaspis yanonensis (Kuw.) (Coccidae):					
Citrus aurantifolia (lime)	Japan	2			Calif.*
Citrus aurantifolia (sour lime)	do		3		Calif.*
Citrus aurantium (sour orange)	do		15		Calif.,* Hawaii, Pa.
Citrus limon (lemon)	Japan, unknown		13		Calif.*
Citrus paradisi (grapefruit)	Japan	1	8		Calif.,* Hawaii.
Citrus reticulata (Mandarin orange)	Hong Kong(?), Japan	34	147		Calif.,* Hawaii, Wash.
Citrus sinensis (orange)	China, Japan	7	129		Calif.,* Hawaii, Pa.
Citrus sp	Japan	1	4		Calif.,* Hawaii.
Fortunella japonica (kumquat)	do		1		Calif.*
Vallonia pulchella (Muller) (Mollusca):					
With carnation, chrysanthemum, and geranium plants.	Argentina			1	Fla.
Vilga dissimilis Dist. (Coreidae):					
Orchid	Canal Zone			1	Fla.
Vinsonia stellifera (Westw.) (Coccidae):					
Brassavola sp. (orchid)	Jamaica			1	N.J.
Brassia caudata (orchid)	Canal Zone			2	Calif.,* Fla.
Brassia sp	Canal Zone, Trinidad			7	Fla., Hawaii.*
Broughtonia sp. (orchid)	Jamaica			4	Fla.
Cattleya granulosa (orchid)	Brazil			1	Calif.*
Cattleya guttata	do			1	Fla.
Cattleya skinneri	Panama			1	Calif.
Cattleya sp	American Virgin Islands, British Guiana, British Honduras.			3	Fla., N.J.
Epidendrum sp. (orchid)	Canal Zone, Cuba			3	Calif.,* Fla.
Heliconia sp	Canal Zone			1	Calif.*
Monstera sp	do			1	Calif.*
Oncidium sp. (orchid)	British Guiana, Canal Zone, Jamaica, Panama.			5	Fla., N.J.
Orchid	American Virgin Islands, Antigua, Brazil, British Honduras, Canal Zone, Cuba, El Salvador, Guatemala, Panama, Trinidad.			22	Calif.,* Fla., Tex.
Phajus sp.(?) (orchid)	British Guiana			1	N.J.
Trigonidium egertonianum (orchid)	British Honduras			1	Fla.
Zeadiatraea lineolata (Wlk.) (Crambidae):					
Zea mays (corn)	Cuba	1			Fla.
Zonitoides arboreus (Say) (Mollusca):					
Brassia lawrenceana (orchid)	Canada			1	Hawaii.*
Cymbidium sp. (orchid)	Australia			1	Calif.*
Oeontiella polystachys (orchid)	England			1	D.C.
Orchid	Mexico, Panama			3	Fla., Tex.
Vanda sp. (orchid)	Hawaii			1	Hawaii.

Hosts and Insects

ABIES:
Blastophagus piniperda (Coleoptera)
Chermes piceae (Homoptera)

ACACIA:
Mimosestes sallaei (Coleoptera)
Stator pruininus (Coleoptera)

ACALYPHA:
Tetranychus cucurbitae (Acarina)

ACER:
Aceria macrochelus (Acarina)
Hypera punctata (Coleoptera)
Lecanium coryli (Homoptera)
Pulrinaria vitis (Homoptera)

ADENANTHERA:
Ectomyelois ceratoniae (Lepidoptera)

AGARICUS:
Trogoderma parabile (Coleoptera)

AGAVE:
Batrachedra linaria (Lepidoptera)
Gymnococcus agavium (Homoptera)
Lepidosaphes philococcus (Homoptera)
Ozophora consanguineus (Hemiptera)
Pseudischnaspis bowreyi (Homoptera)

ALLIUM CEPA:
Lygaeus albo-ornatus (Hemiptera)

ALLIUM PORRUM:
Acrolepia assectella (Lepidoptera)
Deroceras reticulatum (Mollusca)

ALLIUM SATIVUM:
Aceria tulipae (Acarina)
Brachycerus albidentatus (Coleoptera)
Brachycerus algirus (Coleoptera)
Deloyala guttata (Coleoptera)
Dyspressa ulula (Lepidoptera)
Frankliniella tenuicornis (Thysanoptera)
Parmena baltentus (Coleoptera)

ALOCASIA:
Brevipalpus phoenicis (Acarina)

ALPINIA:
Bradybaena similaris (Mollusca)
Ceroplastes rubens (Homoptera)
Orchidophilus aterrimus (Coleoptera)
Oxydema fusiforme (Coleoptera)

ALTHAEA:
Trialeurodes abutilonea (Homoptera)

ALYXIA:
Ceroplastes rubens (Homoptera)

AMARYLLIS:
Trionymus lounsburyi (Homoptera)

AMBROSIA:
Pachyzancla bipunctalis(?) (Lepidoptera)

ANANAS:
Dysdercus mimus (Hemiptera)
Euretheola bidentata (Coleoptera)
Noropsis hieroglyphica (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Ribua innoxia (Lepidoptera)
"Targionia" bromiliae (Homoptera)
Thecla zeba (Lepidoptera)

ANEMONE:
Thrips flavus (Thysanoptera)

ANNONA:
Cerconota anonella (Lepidoptera)
Iridomyrmex humilis (Hymenoptera)
Pseudococcus citricus (Homoptera)
Talponia batesi (Lepidoptera)

ANTHURIUM:
Bradybaena similaris (Mollusca)
Ceroplastes rubens (Homoptera)
Chrysomphalus aberpictus (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Lepidosaphes tokionis (Homoptera)
Orchidophilus aterrimus (Coleoptera)
Pinnaspis buxi (Homoptera)
Pseudischnaspis alienus (Homoptera)

ANTIRRHINUM:
Haplothrips gowdeyi (Thysanoptera)
Thrips flavus (Thysanoptera)

APIUM:
Deroceras reticulatum (Mollusca)
Euleia heraclei(?) (Diptera)

APOLLONIAS:
Targionia laurina (Homoptera)

APONOGETON:
Monomorium destructor (Hymenoptera)

ARACHIS:
Caryedon fuscus (Coleoptera)
Trogoderma granarium (Coleoptera)

ARALIA:
Coccus viridis (Homoptera)

ARMERIA:
Helix aspersa (Mollusca)

ARMORACIA:
Tyrophagus infestans (Acarina)

ARTOCARPUS:
Pheidole megacephala (Hymenoptera)

ASCOCENTRUM:
Parlatoria proteus (Homoptera)

ASPLENIUM:
Pheidole megacephala (Hymenoptera)

ASTER:
Taeniothrips atratus (Thysanoptera)
Thrips major (Thysanoptera)

BAMBOO:
Asterolecanium bambusae (Homoptera)
Asterolecanium miliaris (Homoptera)
Asterolecanium miliaris miliaris (Homoptera)
Asterolecanium miliaris robustum (Homoptera)
Lyctoxylon japonum (Coleoptera)
Lyctus africanus (Coleoptera)
Trogoderma parabile(?) (Coleoptera)

BAMBUSA:
Aspidiotus destructor (Homoptera)

BAUHINIA:
Tetraleurodes acaciae (Homoptera)

BELLIS:
Thrips flavus (Thysanoptera)

BETA:
Gnorimoschema ocellatella (Lepidoptera)
Tyrophagus infestans (Acarina)

BETULA:
Arge pullata (Hymenoptera)

BOUGAINVILLEA:
Sybra alternans (Coleoptera)

BRASSAIA:
Protopulvinaria pyriformis (Homoptera)

BRASSAVOLA:
Conchaspis orchidarum (Homoptera)
Furcaspis biformis (Homoptera)
Pseudischnaspis alienus (Homoptera)
Vinsonia stellifera (Homoptera)

Hosts and Insects—Continued

BRASSIA:
Leucaspis cockerelli (Homoptera)
Vinsonia stellifera (Homoptera)
Zonitoides arboreus (Mollusca)

BRASSICA CHINENSIS:
Barathra brassicae (Lepidoptera)
Deroceras reticulatum (Mollusca)
Nezara viridula (Hemiptera)

BRASSICA OLERACEA ACEPHALA:
Phytomyza rufipes (Diptera)

BRASSICA OLERACEA BOTRYTIS:
Deroceras reticulatum (Mollusca)
Phytomyza rufipes (Diptera)

BRASSICA OLERACEA CAPITATA:
Deroceras reticulatum (Mollusca)
Mamestra brassicae (Lepidoptera)
Phytomyza rufipes (Diptera)

BRASSICA PEKINENSIS:
Barathra brassicae (Lepidoptera)

BRASSICA RAPA:
Acalymma trivittata (Coleoptera)
Acrolepia assectella (Lepidoptera)
Deroceras reticulatum (Mollusca)
Hellula undalis (Lepidoptera)
Limax marginatus (Mollusca)
Phytomyza rufipes (Diptera)
Psylliodes chrysocephala (Coleoptera)

BROMELIACEAE:
Plagiodera thymaloides (Coleoptera)

BROMELIAD:
Calligrapha labyrinthica (Coleoptera)
Cryphula apicatus (Hemiptera)
Diabrotica porracea (Coleoptera)
Furcaspis biformis (Homoptera)
Galgupha punctifer (Hemiptera)
Galgupha quadrisignata (Hemiptera)
Limax marginatus (Mollusca)
Nasutitermes corniger (Isoptera)
Ogdoecosta catenulata (Coleoptera)
Paromius longulus (Hemiptera)

BROMUS:
Luzulaspis kondarensis (Homoptera)

BROUGHTONIA:
Asterolecanium epidendri (Homoptera)
Chrysomphalus odontoglossi (Homoptera)
Leucaspis cockerelli (Homoptera)
Vinsonia stellifera (Homoptera)

BRYOPHYLLUM:
Deroceras reticulatum (Mollusca)
Pulvinaria psidii (Homoptera)

BUXUS:
Cenopalpus pulcher (Acarina)
Chionaspis salicis (Homoptera)
Eriophyes canestrinii (Acarina)
Parlatoria camelliae (Homoptera)
Procryptotermes hubbardi (Isoptera)
Spanioneura fonscolombei (Homoptera)

CACTUS:
Amitermes wheeleri (Isoptera)
Ceratitis capitata (Diptera)
Lepidosaphes phlococcus (Homoptera)
Pseudodiaspis yuccae (Homoptera)
Reticulitermes tibialis (Isoptera)

CAJANUS:
Acanthoscelides armitagei (Coleoptera)
Ancylostomia stercorea (Lepidoptera)
Chalcodermus aeneus (Coleoptera)
Fundella pellucens (Lepidoptera)
Maruca testulalis (Lepidoptera)
Pheidole megacephala (Hymenoptera)

CALADIUM:
Pentalonia nigronervosa (Homoptera)

CALLUNA:
Frankliniella intonsa (Thysanoptera)
Gelechia ericetella (Lepidoptera)
Micrelus ericae (Coleoptera)
Scolopostethus decoratus (Hemiptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips ericae (Thysanoptera)
Thrips major (Thysanoptera)

CALOCARPUM:
Anastrepha ludens (Diptera)
Anastrepha serpentina (Diptera)

CALOPHYLLUM:
Dacus dorsalis (Diptera)

CAMELLIA:
Aleurotrachelus camelliae (Homoptera)
Aspidiotus degeneratus (Homoptera)
Aspidiotus destructor (Homoptera)
Ceroplastes rubens (Homoptera)
Fiorinia theae (Homoptera)
Lepidosaphes kamakurensis (Homoptera)
Parlatoria camelliae (Homoptera)
Pulvinaria camelicola (Homoptera)
Pulvinaria floccifera (Homoptera)
Stephanitis nashi (Hemiptera)

CANAVALIA:
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)

CANNABIS:
Pseudischnaspis bowreyi (Homoptera)

CAPSICUM:
Ceratitis capitata (?) (Diptera)
Faustinus cubae (Coleoptera)
Gnorimoschema gudmannella (Lepidoptera)
Ligyrocoris auriviliana (Hemiptera)
Nezara viridula (Hemiptera)
Pachyzancla periusalis (Lepidoptera)
Playnota rostrana (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)

CARICA:
Pseudoparlatoria ostreata (Homoptera)

CARNEGIEA:
Pseudodiaspis yuccae (Homoptera)

CASSIA:
Aganactesis indecora (Lepidoptera)
Caryedon fuscus (Coleoptera)
Ectomyelois ceratoniae (Lepidoptera)
Phelomerus aberrans (Coleoptera)

CASTANEA:
Curculio elephas (Coleoptera)
Hemimene juliana (Lepidoptera)
Laspeyresia splendana (Lepidoptera)

CATTLEYA:
Asterolecanium epidendri (Homoptera)
Chrysomphalus tenax (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Furcaspis biformis (Homoptera)
Pseudischnaspis alienus (Homoptera)
Puto ulter (Homoptera)
Vinsonia stellifera (Homoptera)

CENTAUREA:
Frankliniella panamensis (Thysanoptera)

CERATONIA:
Aspidiotus aharoni (Homoptera)
Neodryocoetes guianae (Coleoptera)

CHAENOMALES:
Ceroplastes japonicus (Homoptera)

Hosts and Insects—Continued

CHAMAEDOREA:
Chrysomphalus albopictus (Homoptera)
Chrysomphalus sphaerioides (Homoptera)
Dinaspis aculeata (Homoptera)
Eugeraeus unifasciatus (?) (Coleoptera)
Lycophotia ornea (Lepidoptera)

CHRYSANTHEMUM:
Blissus pulchellus (Hemiptera)
Bryobia cristata (Acarina)
Conotelus mexicanus (Coleoptera)
Euschistus servus (Hemiptera)
Frankliniella formosae (Thysanoptera)
Frankliniella schultzei (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Thrips flavus (Thysanoptera)
Thrips imaginis (Thysanoptera)

CICER:
Bruchus tristis (Coleoptera)

CICHORIUM:
Helix aspersa (Mollusca)
Lygus gemellatus (Hemiptera)
Phytomyza rufipes (Diptera)

CINNAMOMUM:
Aspidiotus palmae (Homoptera)

CITRUS AURANTIFOLIA:
Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Ceratitis capitata (?) (Diptera)
Leucaspis cockerelli (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Phyllocnistis citrella (Lepidoptera)
Pseudaonidia trilobitiformis (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS AURANTIUM:
Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Unaspis yanonensis (Homoptera)

CITRUS GRANDIS:
Aonidiella inornata (Homoptera)
Leucaspis cockerelli (Homoptera)
Parlatoria zizyphus (Homoptera)
Prays endocarpa (Lepidoptera)

CITRUS LIMON:
Aonidiella inornata (Homoptera)
Ceratitus capitata (Diptera)
Ceroplastes sinensis (?) (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)
Unaspis citri (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS PARADISI:
Anastrepha ludens (Diptera)
Gymnandrosoma aurantianum (Lepidoptera)
Leucaspis cockerelli (Homoptera)
Morganella longispina (Homoptera)
Olethreutes leucotreta (Lepidoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Unaspis citri (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS RETICULATA:
Aonidiella inornata (Homoptera)
Bemisia citricola(?) (Homoptera)
Ceratitis capitata (Diptera)
Chrysomphalus bifasciculatus (Homoptera)
Morganella longispina (Homoptera)
Parlatoria zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS SINENSIS:
Acrosternum heegeri (Hemiptera)
Aleurocanthus woglumi (Homoptera)
Aleurothrixus floccosus (Homoptera)
Aleurothrixus myrtacei (Homoptera)
Anastrepha ludens (Diptera)
Brevipalpus phoenicis (Acarina)
Ceratitis capitata (Diptera)
Chrysomphalus diversicolor (Homoptera) (as defined by McKenzie).
Cryptoblabes gnidiella (Lepidoptera)
Leucaspis cockerelli (Homoptera)
Monomorium destructor (Hymenoptera)
Morganella longispina (Homoptera)
Olethreutes leucotreta (Lepidoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Phyllocnistis saligna (Lepidoptera)
Pseudaonidia trilobitiformis (Homoptera)
Pseudococcus citricus (Homoptera)
Tetraleurodes ursorum (Homoptera)
Unaspis citri (Homoptera)
Unaspis yanonensis (Homoptera)

CITUS SP.:
Aleurocanthus woglumi (Homoptera)
Aleurothrixus floccosus (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes citrifolii (Homoptera)
Eutetranychus banksi (Acarina)
Orthezia pseudinsignis (Homoptera)
Parlatoria citri (Homoptera)
Parlatoria zizyphus (Homoptera)
Tetraleurodes ursorum (Homoptera)
Trialeurodes vitrinellus (Homoptera)
Unaspis yanonensis (Homoptera)

COCOS:
Agonoxena argaula (Lepidoptera)
Aonidiella inornata (Homoptera)
Aspidiotus destructor (Homoptera)
Aspidiotus palmae (Homoptera)
Chrysomphalus albopictus (Homoptera)
Chrysomphalus personatus (Homoptera)
Chrysomphalus tingi (Homoptera)
Dacus dorsalis (Diptera)
Diocalandra taitensis (Coleoptera)
Ereunetis flavistriata (Lepidoptera)
Furcaspis oceanica (Homoptera)
Lepidosaphes mcgregori (Homoptera)
Pseudococcus palmarum (Homoptera)
Rhinostomus barbirostris (Coleoptera)

CODIAEUM:
Lepidosaphes tokionis (Homoptera)
Parlatoria crotonis (Homoptera)

COFFEA:
Ceratitis capitata (Diptera)
Coccus viridis (Homoptera)
Dacus dorsalis (Diptera)
Stephanoderes hampei (Coleoptera)

COLLINIA:
Aleuroplatus variegatus (Homoptera)
Coelonerius nigritostris (Coleoptera)

CONVALLARIA:
Frankliniella intonsa (Thysanoptera)
Limothrips denticornis (Thysanoptera)

COPAIFERA:
Platypus rugulosus (Coleoptera)

CORDIA:
Mimosestes sallaei (Coleoptera)
Tetranychus desertorum (Acarina)

CORDYLINE:
Bradybaena similaris (Mollusca)
Lepidosaphes tokionis (Homoptera)
Pheidole megacephala (Hymenoptera)
Pinnaspis buxi (Homoptera)
Plusia chalcites (Lepidoptera)
Sybra alternans (Coleoptera)

CORNUS:
Anoecia corni (Homoptera)

Hosts and Insects—Continued

CORYLOPSIS:
Aleurotuberculatus magnoliae (Homoptera)

CORYLUS:
Curculio nucum (Coleoptera)

COTONEASTER:
Ceroplastes japonicus (Homoptera)
Ceroplastes rubens (Homoptera)
Pseudaonidia paeoniae (Homoptera)

CRATAEGUS:
Grapholitha packardi (Lepidoptera)
Trogoderma parabile (Coleoptera)

CROTALARIA:
Callosobruchus phaseoli (Coleoptera)

CRYPTOMERIA:
Aspidiotus cryptomeriae (Homoptera)

CUCUMIS:
Dacus cucurbitae (?) (Diptera)
Ligyrocoris aurivilliana (Hemiptera)
Naupactus xanthographus (Coleoptera)
Pyrausta nubilalis (Lepidoptera)
Texananus spatulatus (Homoptera)

CUCURBITA:
Dacus cucurbitae (Diptera)
Ferrisia virgata (Homoptera)

CUPRESSUS:
Lepidosaphes pallida (Homoptera)

CUSSONIA:
Diaspis zamiae (Homoptera)

CYCAD:
Ozophora concava (Hemiptera)

CYCAS:
Aonidiella inornata (Homoptera)

CYDONIA:
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Ectomyelois ceratoniae (Lepidoptera)

CYMBIDIUM:
Lepidosaphes tuberculata (Homoptera)
Pseudaonidia curculiginis (Homoptera)
Zonitoides arboreus (Mollusca)

CYNARA:
Apion carduorum (Coleoptera)

CYNODON:
Antonina graminis (Homoptera)
Odonaspis ruthae (Homoptera)

CYPRIPEDIUM:
Coccus capparidis (Homoptera)

CYRTOPODIUM:
Aspidiotus destructor (Homoptera)

CYTISUS:
Aspidiotus matrei (Homoptera)
Chionaspis salicis (Homoptera)

DAHLIA:
Frankliniella intonsa (Thysanoptera)
Hepialus humuli (Lepidoptera)
Taeniothrips atratus (Thysanoptera)

DAUCUS:
Limax marginatus (Mollusca)

DELPHINIUM:
Thrips imaginis (Thysanoptera)

DENDROBIUM:
Aspidiotus australiensis (Homoptera)
Aspidiotus palmae (Homoptera)
Chrysomphalus pinnulifera (Homoptera)
Ferrisia virgata (Homoptera)
Halticus chrysolepis (Hemiptera)
Morganella longispina (Homoptera)
Orchidophilus aterrimus (Coleoptera)
Ozydema fusiforme (Coleoptera)
Phenacaspis dendrobii (tentative) (Homoptera)
Pinnaspis buxi (Homoptera)

DIANTHUS:
Dysdercus honestus (Hemiptera)
Frankliniella formosae (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
Taeniothrips dianthi (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)

DIEFFENBACHIA:
Ferrisia virgata (Homoptera)
Neoleucon rubrotylus (Hemiptera)

DIOSCOREA:
Palaeopus costicollis (Coleoptera)
"Targionia" hartii (Homoptera)

DIOSPYROS:
Lepidosaphes conchiformis (Homoptera)
Lepidosaphes tubulorum (Homoptera)
Pseudococcus azaleae (Homoptera)
Pseudococcus krawniae (Homoptera)

DISTYLIUM:
Aulacaspis latissimus (Homoptera)

DRACAENA:
Chrysomphalus sphaerioides (Homoptera)

ELAEODENDRON:
Diaspis zamiae (Homoptera)

EPHEDRA:
Leucaspis riccae (Homoptera)

EPIDENDRUM:
Asterolecanium epidendri (Homoptera)
Chrysomphalus vimboniferus (Homoptera)
Eurytoma orchidearum (?) (Hymenoptera)
Furcaspis biformis (Homoptera)
Pseudischnaspis alienus (Homoptera)
Pseudoparlatoria ostreata (Homoptera)
Tenthecoris angustimarginatus (Hemiptera)
Tenthecoris distinguendus (Hemiptera)
Vinsonia stellifera (Homoptera)

ERICA:
Iridomyrmex humilis (Hymenoptera)
Pseudothrips glaucus (?) (Thysanoptera)

ERIOBOTRYA:
Ectomyelois ceratoniae (Lepidoptera)

ERYTHRINA:
Aspidiotus herculeanus (Homoptera)

ESENBECKIA:
Bradybaena similaris (Mollusca)

EUGENIA:
Anastrepha mombinpraeoptans (Diptera)
Dacus dorsalis (Diptera)

EUGENIA (?):
Trialeurodes lauri (Homoptera)

EUONYMUS:
Lecanium corni (Homoptera)

EUPHORBIA:
Cryptophlebia illepida (Lepidoptera)
Iridomyrmex humilis (Hymenoptera)

EURYA:
Lepidosaphes tubulorum (Homoptera)
Parlatoria camelliae (Homoptera)

Hosts and Insects—Continued

FATSIA:
Chrysomphalus bifasciculatus (Homoptera)

FERN:
Deroceras reticulatum (Mollusca)

FEROCACTUS:
Lepidosaphes philococcus (Homoptera)

FICUS:
Ceratitis capitata (Diptera)
Ceroplastes rusci (Homoptera)
Epidiaspis piricola (Homoptera)
Lepidosaphes ficus (Homoptera)

FORTUNELLA:
Unaspis yanonensis (Homoptera)

FRAGARIA:
Aleyrodes lonicerae (Homoptera)

FREESIA:
Iridomyrmex humilis (Hymenoptera)

GARDENIA:
Aleuroparadoxus gardeniae (Homoptera)
Ceroplastes rubens (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
Eucalymnatus tessellatus (Homoptera)
Ferrisia virgata (Homoptera)
Pulvinaria psidii (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)

GENTIANA:
Stenoptilia stigmatodactyla (Lepidoptera)
Taeniothrips picipes (Thysanoptera)

GERBERA:
Coccus viridis (Homoptera)
Haplothrips gowdeyi (Thysanoptera)

GLADIOLUS:
Frankliniella formosae (Thysanoptera)
Frankliniella panamensis (Thysanoptera)
Phera centrolineata (Homoptera)
Rhoecocoris sulciventris(?) (Hemiptera)

GONGORA:
Furcaspis biformis (Homoptera)

GOSSYPIUM:
Bucculatrix thurberiella (Lepidoptera)
Ferrisia virgata (Homoptera)
Jadera sanguinolenta (Hemiptera)
Pectinophora gossypiella (Lepidoptera)
Platynota rostrana (Lepidoptera)

GREVILLEA:
Asterolecanium petrophilae (Homoptera)

HEDERA:
Brevipalpus obovatus (Acarina)
Ceroplastes rubens (Homoptera)
Chrysomphalus bifasciculatus (Homoptera)

HELICHRYSUM:
Frankliniella intonsa (Thysanoptera)

HELICONIA:
Vinsonia stellifera (Homoptera)

HIBISCUS:
Bemisia tabaci (Homoptera)
Pachybrachius albocinctus (Hemiptera)
Pectinophora gossypiella (Lepidoptera)

HORDEUM:
Limothrips denticornis (Thysanoptera)

HYMENAEA:
Rhinochenus stigma (Coleoptera)

ILEX:
Aleurotuberculatus aucubae (Homoptera)
Aleurotuberculatus similis (Homoptera)
Aonidiella lauretorum (Homoptera)
Ceronema japonica (?) (Homoptera)
Ceroplastes rubens (Homoptera)
Chrysomphalus bifasciculatus (Homoptera)
Deroceras reticulatum (Mollusca)

IOCHROMA:
Brevipalpus obovatus (Acarina)

IODINA:
Tetranychus cinnabarinus (Acarina)

IPOMOEA:
Cylas femoralis (Coleoptera)
Cylas formicarius ssp. (Coleoptera)
Cylas formicarius var. (Coleoptera)
Cylas formicarius elegantulus (Coleoptera)
Cylas formicarius formicarius (Coleoptera)
Cylas puncticollis (Coleoptera)
Euscepes postfasciatus (Coleoptera)
Spermophagus sericeus (?) (Coleoptera)
Sybra alternans (Coleoptera)

IRIS:
Iridothrips iridis (Thysanoptera)

IXORA:
Coccus viridis (Homoptera)
Pheidole megacephala (Hymenoptera)
Protopulvinaria pyriformis (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)

JASMINUM:
Aonidiella comperei (Homoptera)
Aspidiotus palmae (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes kirkaldyi (Homoptera)

JUGLANS:
Ectomyelois ceratoniae (Lepidoptera)
Rhagoletis juglandis (Diptera)

JUNCUS:
Nipponaclerda biwakoensis (Homoptera)

JUNIPERUS:
Lepidosaphes newsteadi (Homoptera)
Lepidosaphes pallida (Homoptera)
Lineaspis striata (Homoptera)
Pentamerismus oregonensis (Acarina)

KIGELIA:
Ectomyelois ceratoniae (Lepidoptera)

LACTUCA:
Deroceras reticulatum (Mollusca)
Helix aspersa (Mollusca)
Milax gagetes (?) (Mollusca)
Myzus ascalonicus (Homoptera)
Nysius vinitor (Hemiptera)
Thrips angusticeps (Thysanoptera)

LAELIA:
Anaphothrips orchidaceus (Thysanoptera)
Furcaspis biformis (Homoptera)
Plagiodera thymaloides (Coleoptera)
Puto ulter (Homoptera)

LANSIUM:
Pseudococcus lilacinus (Homoptera)

LATHYRUS:
Bruchus tristis (Coleoptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
Thrips major (Thysanoptera)

LAURUS:
Aleuroplatus plumosus (Homoptera)
Trialeurodes lauri (Homoptera)

LAVANDULA:
Frankliniella intonsa (Thysanoptera)

Hosts and Insects—Continued

LENS:
Bruchus ervi (Coleoptera)
Bruchus signaticornis (Coleoptera)

LEUCAENA:
Araecerus levipennis (Coleoptera)
Sybra alternans (Coleoptera)

LICUALA:
Aspidiotus destructor (Homoptera)

LILIUM:
Frankliniella formosae (Thysanoptera)
Phenacoccus gossypii (Homoptera)
Riperiella palastiniae (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)

LIRIOPE:
Pinnaspis caricis (Homoptera)

LITCHI:
Cryptophlebia illepida (Lepidoptera)
Fiorinia nephelii (Homoptera)
Icerya seychellarum (Homoptera)
Pulvinaria psidii (Homoptera)

LOCKHARTIA:
Conchaspis orchidarum (Homoptera)

LOLIUM:
Hypera postica (Coleoptera)

LUCUMA:
Anastrepha serpentina (Diptera)

LUPINUS:
Acanthoscelides spinipes (Coleoptera)
Bruchus tristis (Coleoptera)

LYCASTE:
Puto ulter (Homoptera)

LYCOPERSICON:
Dacus cucurbitae (Diptera)
Dacus dorsalis (Diptera)
Exptochiomera oblonga (Hemiptera)
Gnaphalodes trachyderoides (Coleoptera)
Neoleucinodes elegantalis (Lepidoptera)
Platynota rostrana (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)

LYCORIS:
Taeniothrips gracilis (Thysanoptera)

MACADAMIA:
Oxydema fusiforme (Coleoptera)
Sybra alternans (Coleoptera)

MALPIGHIA:
Pulvinaria urbicola (tentative) (Homoptera)

MALUS:
Argyresthia conjugella (Lepidoptera)
Carposina niponensis (Lepidoptera)
Epidiaspis piricola (Homoptera)
Parlatoria oleae (Homoptera)
Rhopalosiphum crataegellum (Homoptera)

MALVACEAE:
Pectinophora gossypiella(?) (Lepidoptera)

MANGIFERA:
Anastrepha ludens (Diptera)
Anastrepha mombinpraeoptans (Diptera)
Aspidiotus destructor (Homoptera)
Aulacaspis mangiferae (Homoptera)
Aulacaspis tubercularis (Homoptera)
Ceratitis capitata (Diptera)
Chrysomphalus personatus (Homoptera)
Dacus dorsalis (Diptera)
Pseudischnaspis longissima (Homoptera)
Selenothrips rubrocinctus (Thysanoptera)
Sternocetus mangiferae (Coleoptera)

MEDICAGO:
Frankliniella schultzei (Thysanoptera)

MENTHA:
Haplothrips gowdeyi (Thysanoptera)

METROSIDEROS:
Ceroplastes rubens (Homoptera)

MICHELIA:
Brevipalpus obovatus (Acarina)

MOMORDICA:
Dacus cucurbitae (Diptera)
Sybra alternans (Coleoptera)

MONSTERA:
Neoleucon rubrotylus (Hemiptera)
Pinnaspis buxi (Homoptera)
Vinsonia stellifera (Homoptera)

MUSA:
Cosmopolites sordidus (Coleoptera)
Dacus dorsalis (Diptera)
Epilachna borealis aequinoxialis (Coleoptera)
Epilachna paenulata (Coleoptera)
Metamasius sericeus (Coleoptera)
Metamasius sericeus sericeus (Coleoptera)
Platynota rostrana (Lepidoptera)
Porphyrobaphe iostoma (Mollusca)

MUSCARI:
Bouhelia maroccana (Homoptera)

MYRISTICA:
Aspidiotus palmae (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)

NARCISSUS:
Lampetia equestris (Diptera)
Steneotarsonemus laticeps (Acarina)

NEOMOOREA:
Pinnaspis buxi (Homoptera)

NEPENTHES:
Limax marginatus (Mollusca)

NERIUM:
Chrysomphalus personatus (Homoptera)
Haplothrips gowdeyi (Thysanoptera)
Morganella longispina (Homoptera)

NIPA:
Aspidiotus destructor (Homoptera)

NYMPHAEA:
Thrips imaginis (Thysanoptera)

ODONTOGLOSSUM:
Aspidiotus mendax (Homoptera)
Puto ulter (Homoptera)
Tenthecoris bicolor (Hemiptera)

OEONIELLA:
Zonitoides arboreus (Mollusca)

OLEA:
Aleurolobus olivinus (Homoptera)
Ceratitis capitata (Diptera)
Dacus oleae (Diptera)
Ectomyelois ceratoniae (Lepidoptera)
Leucaspis riccae (Homoptera)
Parlatoria oleae (Homoptera)
Phloetribus scarabaeoides (Coleoptera)
Prays oleellus (Lepidoptera)

OLINIA:
Thrips major (Thysanoptera)

ONCIDIUM:
Asterolecanium epidendri (Homoptera)
Chrysomphalus umboniferus (tentative) (Homoptera)
Farinococcus guatemalensis (Homoptera)

Hosts and Insects—Continued

ONCIDIUM—Continued
Furcaspis biformis (Homoptera)
Pseudoparlatoria ostreata (Homoptera)
Tenthecoris confusus (Hemiptera)
Vinsonia stellifera (Homoptera)

OPERCULINA:
Adoretus sinicus (Coleoptera)
Chaetanaphothrips orchidii (Thysanoptera)
Sybra alternans (Coleoptera)

OPUNTIA:
Ceratitis capitata (Diptera)

ORCHID:
Aleuroglandulus emmae (Homoptera)
Amphelasma decoratum (Coleoptera)
Anacraga sofia (Lepidoptera)
Aonidiella citrina (Homoptera)
Aspidiotus destructor (Homoptera)
Aspidiotus palmae (Homoptera)
Asterolecanium epidendri (Homoptera)
Bradybaena similaris (Mollusca)
Brevipalpus oncidii (Acarina)
Brevipalpus phoenicis (Acarina)
Chrysomphalus personatus (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Deloyala guttata (Coleoptera)
Deroceras reticulatum (Mollusca)
Diachus auratus (Coleoptera)
Diorymerellus laevimargo (Coleoptera)
Exptochiomera albomaculata (Hemiptera)
Exptochiomera confusa (Hemiptera)
Farinococcus guatemalensis (Homoptera)
Furcaspis biformis (Homoptera)
Galgupha punctifer (Hemiptera)
Iridomyrmex iniquus (Hymenoptera)
Lecaniodiaspis dendrobii (Homoptera)
Lepidosaphes tuberculata (Homoptera)
Ligyrocoris auriwilliana (Hemiptera)
Ligyrocoris nitidicollis (Hemiptera)
Limax marginatus (Mollusca)
Microcerotermes arboreus (Isoptera)
Monanthia monotropidia (Hemiptera)
Mormidea pictiventris (Hemiptera)
Nysius raphanus (Hemiptera)
Oebalus insularis (Hemiptera)
Oedancala bimaculata (Hemiptera)
Opuntiaspis carinata (Homoptera)
Pachygrontha oedancaloides (Hemiptera)
Parlatoria pseudaspidiotus (Homoptera)
Paromius longulus (Hemiptera)
Plagiodera semivittata (Coleoptera)
Plagiodera thymaloides (Coleoptera)
Planococcus hoznyi (Homoptera)
Pseudischnaspis alienus (Homoptera)
Pseudischnaspis longisima (Homoptera)
Pseudoparlatoria ostreata (Homoptera)
Pulo uiter (Homoptera)
Rhopalosiphum rufiabdominalis (Homoptera)
Tenthecoris bicolor (Hemiptera)
Tenthecoris confusus (Hemiptera)
Tenthecoris distinguendus (Hemiptera)
Tenthecoris vestitus (Hemiptera)
Tenuipalpus pacificus (Acarina)
Vilga dissimilis (Hemiptera)
Vinsonia stellifera (Homoptera)
Zonitoides arboreus (Mollusca)

OREOPANAX:
Pseudococcus gahani (Homoptera)

ORNITHOGALUM:
Epichorista ionephela (Lepidoptera)

ORYZA:
Chilo suppressalis (Lepidoptera)
Monomorium destructor (Hymenoptera)
Trogoderma granarium (Coleoptera)

OSMANTHUS:
Aspidiotus excisus (Homoptera)

OXALIS:
Trialeurodes tabaci (Homoptera)

PACHYCEREUS:
Diaspis echinocacti (Homoptera)

PACHYSANDRA:
Aspidiotus excisus (Homoptera)

PALM:
Aspidiotus destructor (Homoptera)
Boatrychopsites cornutus (Coleoptera)
Chrysomphalus personatus (Homoptera)
Chrysomphalus propsimus (Homoptera) (as defined by McKenzie)
Chrysomphalus sphaerioides (Homoptera)
Chrysomphalus tenax (Homoptera)
Diaspis zamiae (Homoptera)
Eucalymnatus tessellatus (Homoptera)
Heterotermes convexinotatus (Isoptera)
Lyctus brunneus (Coleoptera)

PANDANUS:
Lepidosaphes ezakii (Homoptera)
Pseudococcus pandani (Homoptera)

PANICUM:
Antonina graminis (Homoptera)

PASSIFLORA:
Dacus dorsalis (Diptera)

PELARGONIUM:
Oxychilus allarius (Mollusca)
Phenacoccus gossypii (Homoptera)
Puto mexicanus (Homoptera)

PELTOPHORUM:
Caryedon fuscus(?) (Coleoptera)

PEPEROMIA:
Bradybaena similaris (Mollusca)

PERSEA:
Anastrepha ludens (Diptera)
Chrysomphalus personatus (Homoptera)
Conotrachelus aguacatae (Coleoptera)
Conotrachelus perseae (Coleoptera)
Dacus dorsalis (Diptera)
Limax marginatus (Mollusca)
Stenoma catenifer (Lepidoptera)

PETROSELINUM:
Cepaea nemoralis (Mollusca)
Theba pisana (Mollusca)

PHAJUS:
Vinsonia stellifera (Homoptera)

PHASEOLUS:
Apion griseum (Coleoptera)
Callosobruchus phaseoli (Coleoptera)
Dacus cucurbitae (Diptera)
Epinotia aporema (Lepidoptera)
Exptochiomera confusa (Hemiptera)
Iridomyrmex humilis (Hymenoptera)
Laspeyresia fabivora (Lepidoptera)
Maruca testulalis (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)

PHILODENDRON:
Chrysomphalus albopictus (Homoptera)
Chrysomphalus sphaerioides (Homoptera)
Chrysomphalus tenax (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Neoleucon rubrotylus (Hemiptera)
Pinnaspis buxi (Homoptera)
Tenthecoris bicolor (Hemiptera)

PHOENIX:
Dactylotrypes uyttenboogaarti (Coleoptera)
Ectomyelois ceratoniae (Lepidoptera)

PHORADENDRON:
Aspidiotus popularum (tentative) (Homoptera)

PILEA:
Pseudococcus citricus (Homoptera)

Hosts and Insects—Continued

PINUS:
Lepidosaphes newsteadi (Homoptera)
Leucaspis loewi (Homoptera)
Leucaspis pusilla (Homoptera)
"Poliaspis" pini (Homoptera)

PIPER:
Phenacoccus hirsutus (Homoptera)

PISTACIA:
Chrysomphalus inopinatus (Homoptera)
Eurytoma plotnikovi (Hymenoptera)
Lepidosaphes pistaciae (Homoptera)
Lepidosaphes pistaciae f. pistacicola (Homoptera)

PISUM:
Ancylostomia stercorea (Lepidoptera)
Caryedon fuscus (Coleoptera)
Chalcodermus aeneus (Coleoptera)
Everes comyntas (Lepidoptera)
Fundella pellucens (Lepidoptera)
Laspeyresia nigricana (Lepidoptera)
Maruca testulalis (Lepidoptera)

PITHECELOBIUM:
Stator limbatus (Coleoptera)

PITTOSPORUM:
Brevipalpus obovatus (Acarina)

PLEUROTHALLIS:
Amyssonotum rastratum flexum (Hemiptera)

PLUMERIA:
Pholidoforus advena (Coleoptera)
Taeniothrips hawaiiensis (Thysanoptera)

POLIANTHES:
Thrips flavus (Thysanoptera)

POTENTILLA:
Thrips major (Thysanoptera)

POTHOS:
Diaprepes abbreviatus (Coleoptera)

PRIMULA:
Deroceras reticulatum (Mollusca)

PROTEA:
Cenaeus pectoralis (Hemiptera)
Iridomyrmex humilis (Hymenoptera)

PRUNUS AMYGDALUS:
Aspidiotus destructor (Homoptera)
Ectomyelois ceratoniae (Lepidoptera)
Parlatoria oleae (Homoptera)
Trogoderma parabile (Coleoptera)

PRUNUS ARMENIACA:
Ischnodemus diplopterus (Hemiptera)
Parlatoria oleae (Homoptera)

PRUNUS DOMESTICA:
Ceratitis capitata (Diptera)
Geniocremnus chilensis (Coleoptera)
Listroderes subcincta (Coleoptera)
Pseudococcus gahani (Homoptera)

PRUNUS PERSICA:
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Dichocrocis punctiferalis (Lepidoptera)
Geniocremnus chilensis (Coleoptera)
Ischnodemus diplopterus (Hemiptera)
Pulvinaria vitis (Homoptera)
Trogoderma granarium (Coleoptera)

PRUNUS PERSICA NECTARINA:
Geniocremnus chilensis (Coleoptera)

PRUNUS SEROTINA:
Anthonomus rectirostris (Coleoptera)

PRUNUS SP. (cherry):
Malacosoma neustria (Lepidoptera)
Rhagoletis cerasi (Diptera)

PRUNUS SP.(?):
Ceroplastes japonicus (Homoptera)

PSIDIUM:
Anastrepha mombinpraeoptans (Diptera)
Anastrepha striata(?) (Diptera)
Ceratitis capitata (Diptera)
Lechriops psidii (Coleoptera)

PUNICA:
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Dacus dorsalis (Diptera)
Ectomyelois ceratoniae (Lepidoptera)
Orthezia pseudinsignis (Homoptera)

PYRUS:
Ceratitis capitata (Diptera)
Lepidosaphes conchiformis (Homoptera)
Pseudococcus gahani (Homoptera)

QUERCUS:
Adleria kollari (Hymenoptera)
Curculio elephas (Coleoptera)
Hemimene juliana (Lepidoptera)

RAPHANUS:
Hellula undalis (Lepidoptera)

RAUWOLFIA:
Pseudaonidia darutyi (Homoptera)

REINHARDTIA:
Pseudaonidia tesserata (Homoptera)

RENANTHERA:
Furcaspis biformis (Homoptera)

RHAPIS:
Aspidiotus destructor (Homoptera)

RHODODENDRON:
Ceroplastes rubens (Homoptera)
Dialeurodes chittendeni (Homoptera)
Gracilaria azaleella (Lepidoptera)
Pseudaonidia clavigera (Homoptera)
Pseudococcus gahani (Homoptera)
Stephanitis pyrioides (Hemiptera)

RHYNCHOSTYLIS:
Phenacaspis dendrobii (tentative) (Homoptera)

ROBINIA:
Lecanium corni (Homoptera)

ROSA:
Chrysomphalus personatus (Homoptera)
Frankliniella intosa (Thysanoptera)
Isoneurothrips obscuratus (Thysanoptera)
Parlatoria oleae (Homoptera)
Paromius longulus (Hemiptera)
Tetraleurodes ursorum (Homoptera)
Tetranychus lobosus (Acarina)
Thrips fuscipennis (Thysanoptera)
Thrips major (Thysanoptera)

ROYSTONEA:
Leucaspis cockerelli (Homoptera)

RUBUS:
Asterobemisia carpini (Homoptera)

RUMEX:
Dysdercus andreae (Hemiptera)
Pheidole megacephala (Hymenoptera)

RUTA:
Trialeurodes abutilonea (Homoptera)

Hosts and Insects—Continued

RUTACEAE(?):
Trialeurodes similis (Homoptera)

SACCHARUM:
Aulacaspis madiunensis (Homoptera)
Chilo loftini (Lepidoptera)
Pyrophorus noctilucus (Coleoptera)
Trionymus sacchari (Homoptera)

SAINTPAULIA:
Acalypta brunnea (Hemiptera)

SCHEFFLERA:
Protopulvinaria pyriformis (Homoptera)
Pseudococcus gahani (Homoptera)

SCHOMBURGKIA:
Chrysomphalus umboniferus (Homoptera)
Pseudischnaspis alienus (Homoptera)

SECHIUM:
Phenacoccus gossypii (Homoptera)
Platynota rostrana (Lepidoptera)

SEDUM:
Pulvinaria psidii (Homoptera)

SELAGINELLA:
Bradybaena similaris (Mollusca)

SESBANIA:
Acanthoscelides griseolus(?) (Coleoptera)

SOIL:
Aleyrodes lonicerae (Homoptera)
Arion circumscriptus (Mollusca)
Brachyrhinus ovatus (Coleoptera)
Bradybaena similaris (Mollusca)
Frankliniella schultzei (Thysanoptera)
Glycyphagus ornatus (Acarina)
Limax marginatus (Mollusca)
Ozychilus allarius (Mollusca)
Pentodon punctatus (Coleoptera)
Philaenus leucophthalmus (Homoptera)
Synyrias diffundens (Lepidoptera)
Tetranychus desertorum (Acarina)

SOLANUM MELONGENA:
Leucinodes orbonalis (Lepidoptera)
Neoleucinodes elegantalis (Lepidoptera)

SOLANUM QUITOENSE:
Neoleucinodes elegantalis (Lepidoptera)

SOLANUM TUBEROSUM:
Tyrophagus infestans (Acarina)

SOLANUM SP.:
Pachyzancla periusalis (Lepidoptera)

SORBUS:
Chionaspis salicis (Homoptera)

SORGHUM:
Pyrausta nubilalis (Lepidoptera)

SPINACIA:
Gnorimoschema ocellatella (Lepidoptera)

SPONDIAS:
Anastrepha mombinpraeoptans (Diptera)
Dacus dorsalis (Diptera)

STANHOPEA:
Brevipalpus phoenicis (Acarina)
Coccus viridis (Homoptera)
Furcaspis biformis (Homoptera)

STRELITZIA:
Thecla ziba (Lepidoptera)

SYRINGA:
Adoxophyes orana (Lepidoptera)

TAMARINDUS:
Caryedon fuscus (Coleoptera)
Cryptophlebia ombrodelta (Lepidoptera)
Ectomyelois ceratoniae (Lepidoptera)

TAXUS:
Lepidosaphes pallida (Homoptera)

TERMINALIA:
Aspidiotus destructor (Homoptera)
Dacus dorsalis (Diptera)

THEOBROMA:
Stenoma decora (Lepidoptera)

THUJA:
Aspidiotus pseudomeyeri (Homoptera)
Oligonychus perditus (Acarina)

TILLANDSIA:
Andrector atrofasciata (Coleoptera)
Galgupha punctifer (Hemiptera)

TRACHELOSPERMUM:
Aspidiotus destructor (Homoptera)

TRAPA:
Fulvius brevicornis (Hemiptera)

TRIFOLIUM:
Hypera nigrirostris (Coleoptera)

TRIGONIDIUM:
Vinsonia stellifera (Homoptera)

TRITICUM:
Iridomyrmex humilis (Hymenoptera)
Limothrips denticornis (Thysanoptera)
Oxygyllus ruginasus (Coleoptera)
Trogoderma glabrum (Coleoptera)
Trogoderma granarium (Coleoptera)
Trogoderma inclusum (Coleoptera)

TSUGA:
Aspidiotus abietis (Homoptera)

TULIPA:
Myzus ascalonicus (Homoptera)
Taeniothrips gracilis (Thysanoptera)

TURNERA:
Trialeurodes similis (Homoptera)
Trialeurodes tephrosiae (Homoptera)

VACCINIUM:
Aleurotuberculatus similis (Homoptera)

VANDA:
Athesapeuta cyperi (Coleoptera)
Bradybaena similaris (Mollusca)
Caryedon fuscus (Coleoptera)
Deroceras reticulatum (Mollusca)
Furcaspis biformis (Homoptera)
Leucaspis cockerelli (Homoptera)
Nysius coenosulus (Hemiptera)
Orchidophilus aterrimus (Coleoptera)
Parlatoria pseudaspidiotus (Homoptera)
Siphanta acuta (Homoptera)
Zonitoides arboreus (Mollusca)

VIBURNUM:
Frauenfeldiella jelinekii (Homoptera)

VICIA:
Acanthoscelides spinipes (Coleoptera)
Bruchus guttalis(?) (Coleoptera)
Bruchus luteicornis (Coleoptera)
Bruchus tristis (Coleoptera)
Callosobruchus phaseoli (Coleoptera)

VIGNA:
Nezara viridula (Hemiptera)

Hosts and Insects—Continued

VIOLA:
Franklinella panamensis (Thysanoptera)

VITIS:
Acledra fraterno (Hemiptera)
Ischnodemus diplopterus (Hemiptera)
Leptoglossus chilensis (Hemiptera)
Lobesia botrana (?) (Lepidoptera)
Naupactus xanthographus (Coleoptera)
Neotermes chilensis (Isoptera)
Nezara viridula (Hemiptera)
Phlyctinus callosus (Coleoptera)
Raglius apicalis (Hemiptera)

YUCCA:
Chrysomphalus agavis (Homoptera)
Farinococcus olivaceus (Homoptera)
Pseudococcus cualatensis (Homoptera)
Puto mexicanus (Homoptera)

ZANTEDESCHIA:
Cyrtopeltis modestus (Hemiptera)
Haplothrips gowdeyi (Thysanoptera)
Nezara viridula (Hemiptera)

ZEA:
Chilo loftini (Lepidoptera)
Pagiocerus fiorii (Coleoptera)
Pyrausta nubilalis (Lepidoptera)
Zeadiatraea lineolata (Lepidoptera)

ZINGIBER:
Tyrophagus infestans (Acarina)

Hosts Unknown

AIRPLANE:
Adoretus sinicus (Coleoptera)
Agrotis exusta (Lepidoptera)
Amblycephalus spectrus (Homoptera)
Azeta versicolor (Lepidoptera)
Ceresium unicolor (Coleoptera)
Coptotermes formosanus (Isoptera)
Epilachna sparsa(?) (Coleoptera)
Ereunetis simulans (Lepidoptera)
Euzoa spinifera (Lepidoptera)
Heterobostrychus aequalis (Coleoptera)
Melipotis famelica (Lepidoptera)
Nephotettix apicalis (Homoptera)
Nephotettix bipunctatus (Homoptera)
Noropsis hieroglyphica (Lepidoptera)
Ortholomus jamaicensis (Hemiptera)
Pachodynerus nasidens (Hymenoptera)
Pachybrachius nigriceps (Hemiptera)
Paragonatus divergens (Hemiptera)
Paromius longulus (Hemiptera)
Perkinsiella saccharicida (Homoptera)
Piezodorus rubrofasciatus (Hemiptera)
Plusia chalcites (Lepidoptera)
Prodenia litura (Lepidoptera)
Protaetia orientalis (Coleoptera)
Rupela tinctella (Lepidoptera)
Sinozylon conigerum (Coleoptera)
Stoeberhinus testaceus (Lepidoptera)
Trogoderma sternale ssp. (Coleoptera)

AUTOMOBILE:
Thyanta antiguensis (Hemiptera)

BAGGAGE:
Adoretus sinicus (Coleoptera)
Anomala orientalis (Coleoptera)
Cylas formicarius elegantulus (Coleoptera)

BAGGING:
Trogoderma granarium (Coleoptera)

BARK:
Ips combrae (Coleoptera)

BEAN:
Adoretus sinicus (Coleoptera)
Ancylostomia stercorea (Lepidoptera)
Andrector ruficornis (Coleoptera)
Bruchus tristis (Coleoptera)
Trogoderma granarium (Coleoptera)
Trogoderma insulare (Coleoptera)

BIRDS—STUFFED:
Trogoderma inclusum (Coleoptera)

BRAN:
Trogoderma parabile (Coleoptera)

BULBS:
Opogona subcervinella (Lepidoptera)

CLOTHING:
Sybra alternans (Coleoptera)

CONEX BOX:
Theba pisana (Mollusca)

CUTTING:
Lopazia obtecta (Homoptera)

DUNNAGE:
Cepaea nemoralis (Mollusca)

FEED:
Trogoderma parabile (Coleoptera)

FLOUR:
Trogoderma granarium (Coleoptera)
Trogoderma parabile (Coleoptera)

FLOWERS:
Adoretus sinicus (Coleoptera)
Bradybaena similaris (Mollusca)
Bryobia cristata (Acarina)
Conotelus mexicanus (Coleoptera)
Deroceras reticulatum (Mollusca)
Frankliniella formosae (Thysanoptera)
Frankliniella intonsa (Thysanoptera)
Geotomus pygmaeus (Hemiptera)
Haplothrips gowdeyi (Thysanoptera)
Helix aspersa (Mollusca)
Iridomyrmex humilis (Hymenoptera)
Siphanta acuta (Homoptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
Thrips major (Thysanoptera)
Vallonia pulchella (Mollusca)

FOLIAGE:
Hyalopeplus pellucidus (Hemiptera)
Syagrius fulvitarsis (Coleoptera)

FOODSTUFF:
Callosobruchus phaseoli (Coleoptera)

GRAIN:
Trogoderma glabrum (Coleoptera)

GRASS:
Aclerda yunnanensis (Homoptera)

GRITS:
Trogoderma parabile (Coleoptera)

HERB:
Micrutalis apicalis (Homoptera)

LEAF:
Aspidiotus destructor (Homoptera)
Gynaikothrips ficorum (Thysanoptera)
Pinnaspis uniloba (Homoptera)
Protopulvinaria pyriformis (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)
Tetraleurodes acaciae (Homoptera)
Tetraleurodes ursorum (Homoptera)
Trialeurodes variabilis (Homoptera)

LEGUME:
Bruchus tristis (Coleoptera)
Ectomyelois muriscis (Lepidoptera)
Mimosestes sallaei (Coleoptera)

LOG:
Ips calligraphus (Coleoptera)
Palaeocorynus nigrosignatus (Coleoptera)

MAILBAG:
Lethocerus indicus (Hemiptera)

MAIL PARCEL:
Adoretus sinicus (Coleoptera)
Ozydema fusiforme (Coleoptera)

MILITARY CARGO:
Achatina fulica (Mollusca)
Theba pisana (Mollusca)

MOSS:
Limax maximus (Mollusca)
Sitona lineata (Coleoptera)

PACKAGE:
Trogoderma parabile (Coleoptera)

PACKING CASE:
Callidium rufipenne (Coleoptera)
Theba pisana (Mollusca)

PAPER:
Sybra alternans (Coleoptera)

PLANTS:
Chrysomphalus minutus (Homoptera)
Coccus viridis (Homoptera)
Dicyphus errans (Hemiptera)
Haplothrips cottei (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Morganella longispina (Homoptera)
Pinnaspis buxi (Homoptera)

Hosts Unknown—Continued

PLANTS—Continued
Pulvinaria psidii (Homoptera)
Tetraleurodes acaciae (Homoptera)
Tetraleurodes ursorum (Homoptera)
Tetranychus tumidus (Acarina)

RAILWAY CAR:
Trogoderma glabrum (Coleoptera)
Trogoderma inclusum (Coleoptera)

ROSACIOUS SHRUBS:
Brachyrhinus porcatus (Coleoptera)

SEED:
Systole geniculata (Hymenoptera)

SEED POD:
Ectomyelois muriscis (Lepidoptera)

STORES—DRY:
Trogoderma granarium (Coleoptera)

SUITCASE:
Oxydema fusiforme (Coleoptera)

TWIG:
Aspidiotus aesculi (tentative) (Homoptera)
Chrysomphalus sacculata (tentative) (Homoptera)

UNKNOWN:
Anastrepha mombinpraeoptans (Diptera)
Helix aspersa (Mollusca)
Trogoderma granarium (Coleoptera)

WOOD:
Cryptotermes brevis (Isoptera)
Heterobostrychus aequalis (Coleoptera)
Hylurgops palliatus (Coleoptera)
Listroderes costirostris obliquus (Coleoptera)
Lyctus africanus (Coleoptera)
Minthea rugicollis (Coleoptera)
Molorchus minor (Coleoptera)
Nasutitermes corniger (Isoptera)
Nasutitermes costalis (Isoptera)
Obrium cantharinum(?) (Coleoptera)
Pityogenes chalcographus (Coleoptera)
Reticulitermes flavipes (Isoptera)
Sinoxylon anale (Coleoptera)
Sinoxylon conigerum (Coleoptera)
Theba pisana (Mollusca)

Countries of Origin and Insects

ALGERIA:
Coccus viridis
Parlatoria zizyphus

AMERICAN SAMOA:
Parlatoria pseudaspidiotus

AMERICAN VIRGIN ISLANDS:
Vinsonia stellifera

ANGLO-EGYPTIAN SUDAN:
Pectinophora gossypiella

ANGOLA:
Pectinophora gossypiella(?)

ANTIGUA:
Asterolecanium miliaris robustum
Dysdercus andreae
Pectinophora gossypiella
Vinsonia stellifera

ARGENTINA:
Ceratitis capitata
Frankliniella schultzei
Limax marginatus
Parlatoria cinerea
Pseudaonidia trilobitiformis
Tyrophagus infestans
Vallonia pulchella

ARUBA:
Acanthoscelides armitagei

AUSTRALIA:
Aspidiotus australiensis
Aspidiotus palmae
Asterolecanium petrophilae
Eucalymnatus tessellatus
Frankliniella schultzei
Isoneurothrips obscuratus
Lepidosaphes tuberculata
Limax marginatus
Monomorium destructor
Nysius vinitor
Rhoecocoris sulciventris(?)
Sternochetus mangiferae
Thrips imaginis
Zonitoides arboreus

AUSTRALIA(?):
Prodenia litura

AUSTRIA:
Aleyrodes lonicerae

AZORES:
Ceratitis capitata
Haplothrips cottei
Haplothrips gowdeyi
Helix aspersa
Iridomyrmex humilis
Laspeyresia splendana
Pseudococcus citricus
Rhagoletis cerasi

BAHAMAS:
Ancylostomia stercorea
Asterolecanium epidendri
Chalcodermus aeneus
Ectomyelois ceratoniae
Ips calligraphus
Melipotis famelica
Mormidea pictiventris
Pheidole megacephala
Protopulvinaria pyriformis

BARBADOS:
Aspidiotus destructor
Chalcodermus aeneus
Fundella pellucens
Pectinophora gossypiella
Protopulvinaria pyriformis
Pseudaonidia trilobitiformis

BELGIAN CONGO:
Ceratitis capitata(?)

BELGIUM:
Acrolepia assectella
Anthonomus rectirostris
Deroceras reticulatum
Lecanium coryli
Mamestra brassicae
Phytomyza rufipes
Pityogenes chalcographus
Rhagoletis cerasi
Tyrophagus infestans

BERMUDA:
Bradybaena similaris
Deroceras reticulatum
Haplothrips gowdeyi
Iridomyrmex humilis
Morganella longispina
Phenacoccus gossypii
Pulvinaria psidii

BOLIVIA:
Pseudaonidia trilobitiformis

BRAZIL:
Aleurothrixus floccosus
Aleurothrixus myrtacei
Anastrepha serpentina
Asterolecanium epidendri
Bradybaena similaris
Brevipalpus obovatus
Ceratitis capitata(?)
Cerconota anonella
Chrysomphalus personatus
Dysdercus honestus
Eusceptes postfasciatus
Furcaspis biformis
Maruca testulalis
Monanthia monotropidia
Neoleucinodes elegantalis
Parlatoria cinerea
Phelonerus aberrans
Pseudaonidia trilobitiformis
Stenoma catenifer
Stephanoderes hampei
Trialeurodes tabaci
Trogoderma granarium
Vinsonia stellifera

BRITISH GUIANA:
Aspidiotus destructor
Cylas formicarius elegantulus
Furcaspis biformis
Vinsonia stellifera

BRITISH HONDURAS:
Asterolecanium epidendri
Chrysomphalus umboniferus
Furcaspis biformis
Lecaniodiaspis dendrobii
Pseudischnaspis alienus
Vinsonia stellifera

BRITISH WEST INDIES:
"Targionia" hartii

CANADA:
Arion circumscriptus
Brachyrhinus ovatus
Chermes piceae
Philaenus leucophthalmus
Pulvinaria vitis
Taeniothrips ericae
Zonitoides arboreus

CANAL ZONE:
Aspidiotus destructor
Asterolecanium epidendri
Brevipalpus phoenicis
Chrysomphalus umboniferus
Conchaspis orchidarum
Furcaspis biformis
Leucaspis cockerelli

Countries of Origin and Insects—Continued

CANAL ZONE—Continued
Parlatoria cinerea
Pinnaspis buxi
Pseudischnaspis alienus
Tenthecoris distinguendus
Unaspis citri
Vilga dissimilis
Vinsonia stellifera

CANARY ISLANDS:
Brevipalpus phoenicis
Chrysomphalus diversicolor (as defined by McKenzie)

CAPE VERDE ISLANDS:
Bruchus luteicornis

CENTRAL AMERICA:
Anastrepha mombinpraeoptans
Conotrachelus perseae

CEYLON:
Monomorium destructor
Tyrophagus infestans

CHILE:
Acledra fraterno
Epinotia aporema
Geniocremnus chilensis
Leptoglossus chilensis
Listroderes subcincta
Lygaeus albo-ornatus
Naupactus xanthographus
Neotermes chilensis
Nezara viridula
Pseudococcus gahani

CHINA:
Parlatoria zizyphus
Trogoderma granarium
Unaspis yanonensis

COLOMBIA:
Cyrtopeltis modestus
Epinotia aporema
Ferrisia virgata
Frankliniella panamensis
Parlatoria cinerea
Parlatoria pseudaspidiotus
Platypus rugulosus
Pseudaonidia trilobitiformis
Stenoma catenifer
Thecla ziba

COSTA RICA:
Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus palmae
Asterolecanium epidendri
Chrysomphalus umboniferus
Cosmopolites sordidus
Deroceras reticulatum
Farinococcus guatemalensis
Furcaspis biformis
Ligyrocoris nitidicollis
Limax marginatus
Ortholomus jamaicensis
Pinnaspis buxi
Pseudischnaspis alienus
Puto ulter
Tenthecoris confusus
Tenthecoris distinguendus

CUBA:
Aganactesis indecora
Anastrepha mombinpraeoptans
Andrector ruficornis
Aspidiotus destructor
Asterolecanium epidendri
Asterolecanium miliaris
Coccus viridis
Cylas formicarius elegantulus
Faustinus cubae
Ferrisia virgata
Furcaspis biformis
Heterobostrychus aequalis
Leucaspis cockerelli
Limax marginatus
Micrutalis apicalis
Noropsis hieroglyphica
Pachybrachius albocinctus
Parlatoria crotonis
Parlatoria zizyphus
Pectinophora gossypiella
Pheidole megacephala
Platynota rostrana
Pseudischnaspis bowreyi
Pseudoparlatoria ostreata
Pyrophorus noctilucus
Ribua innoxia
Tetranychus tumidus
Unaspis citri
Vinsonia stellifera
Zeadiatraea lineolata

DENMARK:
Frankliniella intonsa
Limothrips denticornis
Molorchus minor

DOMINICAN REPUBLIC:
Aleurothrixus floccosus
Anastrepha mombinpraeoptans
Ancylostomia stercorea
Cylas formicarius elegantulus
Dialeurodes citrifolii
Leucaspis cockerelli
Pectinophora gossypiella
Platynota rostrana
Ribua innoxia
Systole geniculata
Trionymus sacchari

ECUADOR:
Chrysomphalus umboniferus
Cosmopolites sordidus
Epilachna borealis aequinoxialis
Epilachna paenulata
Exptochiomera confusa
Laspeyresia fabivora
Metamasius sericeus
Metamasius sericeus sericeus
Neoleucinodes elegantalis
Pagiocerus fiorii
Porphyrobaphe iostoma
Stenoma catenifer

EGYPT:
Callosobruchus phaseoli
Ceratitis capitata
Stephanodreres hampei

ELEUTHERA ISLAND:
Pectinophora gossypiella

EL SALVADOR:
Anastrepha mombinpraeoptans
Aulacaspis mangiferae
Aulacaspis tubercularis
Chrysomphalus umboniferus
Deroceras reticulatum
Furcaspis biformis
Pseudischnaspis alienus
Pseudoparlatoria ostreata
Stenoma catenifer
Vinsonia stellifera

ENGLAND:
Aleuroplatus plumosus
Anoecia corni
Argyresthia conjugella
Brevipalpus oncidii
Dactylotrypes uyttenboogaarti
Deroceras reticulatum
Dialeurodes chittendeni
Frankliniella intonsa
Frauenfeldiella jelinekii
Gelechia ericetella
Hepialus humuli
Iridothrips iridis

Countries of Origin and Insects—Continued

ENGLAND—Continued
Lampetia equestris
Lecanium corni
Lepidosaphes tuberculata
Myzus ascalonicus
Phytomyza rufipes
Pulvinaria camellicola
Stenotarsonemus laticeps
Taeniothrips atratus
Thrips flavus
Thrips fuscipennis
Thrips major
Trogoderma granarium
Zonitoides arboreus

ENIWETOK (?):
Sternochetus mangiferae

FEDERATION OF MALAYA:
Furcaspis biformis
Parlatoria zizyphus
Prays endocarpa

FIJI ISLANDS:
Aspidiotus herculeanus
Lepidosaphes tuberculata
Morganella longispina
Unaspis citri

FINLAND:
Arge pullata

FORMOSA:
Ceroplastes rubens
Lepidosaphes tuberculata
Parlatoria zizyphus
Trogoderma granarium

FRANCE:
Aceria macrochelus
Acrolepia asseciella
Aspidiotus mairei
Asterobemisia carpini
Brevipalpus phoenicis
Curculio elephas
Deroceras reticulatum
Helix aspersa
Hypera punctata
Laspeyresia splendana
Lecanium corni
Lecanium coryli
Leucaspis loewi
Obrium cantharinum(?)
Parlatoria zizyphus
Phytomyza rufipes
Pseudococcus gahani
Psylliodes chrysocephala
Pulvinaria vitis
Rhapoletis cerasi
Taeniothrips atratus
Thrips major

FRANCE(?):
Ceratitis capitata

FRENCH WEST AFRICA:
Hellula undalis
Palaeocorynus nigrosignatus
Parlatoria zizyphus
Tyrophagus infestans

GERMANY:
Acalypta brunnea
Aleyrodes lonicerae
Argyresthia conjugella
Arion circumscriptus
Brachyrhinus porcatus
Brevipalpus obovatus
Cepaea nemoralis
Frankliniella intonsa
Gelechia ericetella
Ips combrae
Lampetia equestris
Milax gagates(?)
Phytomyza rufipes
Rhagoletis cerasi
Stenotarsonemus laticeps
Taeniothrips atratus
Taeniothrips dianthi
Taeniothrips ericae
Thrips flavus
Thrips major

GHANA:
Maruca testulalis

GRAND CAYMAN:
Microcerotermes arboreus

GREECE:
Bruchus tristis
Ceratitis capitata
Cryptoblabes gnidiella
Curculio elephas
Ectomyelois ceratoniae
Hypera postica
Laspeyresia splendana
Leucaspis riccae
Parlatoria oleae
Pseudococcus citricus
Ripersiella palastiniae
Trogoderma inclusum

GRENADA:
Furcaspis biformis

GUAM:
Achatina fulica
Aonidiella inornata
Ceresium unicolor
Lepidosaphes mcgregori
Pheidole megacephala
Sternochetus mangiferae

GUATEMALA:
Anastrepha ludens
Anastrepha mombinpraeoptans
Aspidiotus mendax
Aspidiotus palmae
Asterolecanium epidendri
Chrysomphalus tenax
Chrysomphalus umboniferus
Deroceras reticulatum
Farinococcus guatemalensis
Furcaspis biformis
Iridomyrmex iniquus
Lepidosaphes tuberculata
Ligyrocoris auriviliana
Limax marginatus
Nysius raphanus
Paromius longulus
Pseudoparlatoria ostreata
Puto ulter
Stenoma catenifer
Tenthecoris bicolor
Tenthecoris confusus
Tenthecoris vestitus
Vinsonia stellifera

HAITI:
Anastrepha mombinpraeoptans
Bemisia tabaci
Cylas formicarius elegantulus
Haplothrips gowdeyi
Nezara viridula

HAWAII:
Adoretus sinicus
Anomala orientalis
Araecerus levipennis
Athesapeuta cyperi
Bradybaena similaris
Caryedon fuscus
Ceratitis capitata
Ceroplastes rubens
Chaetanaphothrips orchidii
Coccus viridis
Conotelus mexicanus
Coptotermes formosanus
Cryptophlebia illepida

Countries of Origin and Insects—Continued

HAWAII—Continued

Cryptotermes brevis
Cylas formicarius elegantulus
Dacus cucurbitae
Dacus dorsalis
Deroceras reticulatum
Diachus auratus
Dialeurodes kirkaldyi
Diocalandra taitensis
Ectomyelois ceratoniae
Ereunetis flavistriata
Euscepes postfasciatus
Furcaspis biformis
Geotomus pygmaeus
Halticus chrysolepis
Hyalopeplus pellucidus
Lampides boeticus
Lepidosaphes tokionis
Lepidosaphes tuberculata
Leucaspis cockerelli
Listroderes costirostris obliquus
Maruca testulalis
Mimosestes sallaei
Nysius coenosulus
Orchidophilus aterrimus
Oxydema fusiforme
Parlatoria crotonis
Parlatoria zizyphus
Pectinophora gossypiella
Perkinsiella saccharicida
Pheidole megacephala
Pholidoforus advena
Pinnaspis buxi
Pinnaspis caricis
Plusia chalcites
Pseudococcus palmarum
Pulvinaria psidii
Sinoxylon conigerum
Siphanta acuta
Sternochetus mangiferae
Syagrius fulvitarsis
Sybra alternans
Taeniothrips hawaiiensis
Trogoderma insulare
Zonitoides arboreus

HONDURAS:

Anastrepha mombinpraeoptans
Chrysomphalus umboniferus
Cosmopolites sordidus
Furcaspis biformis
Metamasius sericeus
Paromius longulus
Plagiodera thymaloides
Pseudischnaspis alienus
Pseudoparlatoria ostreata
Rhinostomus barbirostris
Tenthecoris vestitus

HONG KONG:

Cylas formicarius formicarius
Fiorinia nephelii
Fulvius brevicornis
Parlatoria zizyphus
Unaspis yanonensis
Aonidiella inornata
Callosobruchus phaseoli
Caryedon fuscus
Chrysomphalus pinnulifera
Coccus capparidis
Cylas formicarius formicarius
Heterobostrychus aequalis
Lyctus africanus
Minthea rugicollis
Sinoxylon anale
Sinoxylon conigerum
Stephanoderes hampei
Trogoderma granarium

INDIA(?):

Nephotettix bipunctatus

INDONESIA:

Aspidiotus palmae
Orchidophilus aterrimus
Parlatoria pseudaspidiotus
Phenacaspis dendrobii (tentative)

IRAN:

Lepidosaphes pistaciae
Lepidosaphes pistaciae f. pistacicola
Luzulaspis kondarensis
Parlatoria camelliae
Parlatoria oleae

IRELAND:

Argyresthia conjugella
Deroceras reticulatum
Helix aspersa
Lampetia equestris
Oxychilus altarius
Thrips major

ISRAEL:

Acrosternum heegeri
Aspidiotus aharonii
Ceratitis capitata
Ceroplastes rusci
Cryptoblabes gnidiella
Ectomyelois ceratoniae
Pyrausta nubilalis

ITALY:

Acanthoscelides spinipes
Acrolepia assectella
Adleria kollari
Aleurolobus olivinus
Apion carduorum
Argyresthia conjugella
Arion circumscriptus
Bemisia citricola(?)
Brachycerus albidentatus
Brachycerus algirus
Bruchus ervi
Bruchus signaticornis
Bruchus tristis
Ceratitis capitata
Ceroplastes rusci
Ceroplastes sinensis(?)
Cryptoblabes gnidiella
Curculio elephas
Curculio nucum
Dacus oleae
Deloyala guttata
Deroceras reticulatum
Diaspis zamiae
Dyspessa ulula
Ectomyelois ceratoniae
Eucalymnatus tessellatus
Euleia heraclei(?)
Frankliniella tenuicornis
Hemimene juliana
Hypera nigrirostris
Iridomyrmex humilis
Laspeyresia nigricana
Laspeyresia splendana
Lepidosaphes ficus
Leucaspis riccae
Livnax maximus
Lobesia botrana(?)
Lygus gemellatus
Parlatoria oleae
Parlatoria zizyphus
Parmena baileatus
Pentodon punctatus
Phloetribus scarabaeoides
Prays oleellus
Pseudococcus citricus
Pyrausta nubilalis
Rhagoletis cerasi
Spanioneura fonscolombei
Spermophagus sericeus(?)
Thrips major
Trialeurodes lauri
Trogoderma granarium

JAMAICA:

Anastrepha mombinpraeoptans
Aonidiella citrina
Aonidiella comperei

Countries of Origin and Insects—Continued

JAMAICA—Continued
Aspidiotus destructor
Asterolecanium epidendri
Chrysomphalus odontoglossi
Coccus viridis
Cylas formicarius elegantulus
Faustinus cubae
Furcaspis biformis
Leucaspis cockerelli
Monomorium destructor
Palaeopus costicollis
Parlatoria proteus
Pectinophora gossypiella
Pseudoparlatoria ostreata
Tetranychus cucurbitae
Unaspis citri
Vinsonia stellifera

JAPAN:
Adoretus sinicus
Agrotis exusta
Aleurotrachelus camelliae
Aleurotuberculatus aucubae
Aleurotuberculatus magnoliae
Aleurotuberculatus similis
Aspidiotus cryptomeriae
Aspidiotus degeneratus
Aspidiotus destructor
Aspidiotus excisus
Aspidiotus pseudomeyeri
Aulacaspis latissimus
Barathra brassicae
Bryobia cristata
Callidium rufipenne
Callosobruchus phaseoli
Carposina niponensis
Ceronema japonica(?)
Ceroplastes japonicus
Ceroplastes rubens
Chilo suppressalis
Chrysomphalus bifasciculatus
Deroceras reticulatum
Dichocrocis punctiferalis
Ereunetis simulans
Frankliniella formosae
Gracilaria azaleella
Haplothrips gowdeyi
Icerya seychellarum
Lepidosaphes conchiformis
Lepidosaphes kamakurensis
Lepidosaphes newsteadi
Lepidosaphes pallida
Lepidosaphes tuberculata
Lepidosaphes tubulorum
Limax marginatus
Lyctoxylon japonum
Lyctus africanus
Malacosoma neustria
Maruca testulalis
Morganella longispina
Nipponaclerda biwakoensis
Oligonychus perditus
Parlatoria camelliae
Parlatoria zizyphus
Pentamerismus oregonensis
Phyllocnistis saligna
Piezodorus rubrofasciatus
Pinnaspis buxi
Pinnaspis uniloba
Plusia chalcites
"Poliaspis" pini
Protaetia orientalis
Pseudaonidia clavigera
Pseudaonidia paeoniae
Pseudococcus azaleae
Pseudococcus kraunhiae
Pulvinaria psidii
Pyrausta nubilalis
Stephanitis nashi
Stephanitis pyrioides
Taeniothrips gracilis
Taeniothrips hawaiiensis
Trogoderma parabile(?)
Unaspis yanonensis

JAPAN(?):
Amblycephalus spectrus
Nephotettix apicalis
Prodenia litura

KENYA:
Bostrychoplites cornutus
Lyctus brunneus
Odonaspis ruthae

KOREA:
Chilo suppressalis
Lepidosaphes conchiformis

KWAJALEIN:
Furcaspis oceanica
Pseudococcus palmarum

LEBANON:
Bruchus ervi
Ceratitis capitata
Chrysomphalus inopinatus
Lepidosaphes pistaciae

LIBERIA:
Planococcus hoznyi

LIBYA:
Ceratitis capitata
Theba pisana

MADEIRA ISLANDS:
Chrysomphalus personatus

MARSHALL ISLANDS:
Lepidosaphes esakii

MARTINIQUE:
Leucaspis cockerelli

MEDITERRANEAN REGION:
Theba pisana

MEXICO:
Acalymma trivittata
Acanthoscelides griseolus(?)
Aleurocanthus woglumi
Aleuroglandulus emmae
Aleuroparadoxus gardeniae
Aleuroplatus variegatus
Aleurothrixus floccosus
Amitermes wheeleri
Amphelasma decoratum
Amyssonotum rastratum flexum
Anacraga sofia
Anaphothrips orchidaceus
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha striata(?)
Andrector atrofasciata
Apion griseum
Aspidiotus aesculi (tentative)
Aspidiotus destructor
Aspidiotus palmae
Aspidiotus popularum (tentative)
Asterolecanium epidendri
Aulacaspis tubercularis
Batrachedra linaria
Blissus pulchellus
Bucculatrix thurberiella
Calligrapha labyrinthica
Chilo loftini
Chrysomphalus agavis
Chrysomphalus albopictus
Chrysomphalus personatus
Chrysomphalus sacculata (tentative)
Chrysomphalus sphaerioides
Chrysomphalus tenax
Chrysomphalus tingi
Chrysomphalus umboniferus
Coelonertus nigrirostris
Conotelus mexicanus
Conotrachelus aguacatae

Countries of Origin and Insects—Continued

MEXICO—Continued

Cosmopolites sordidus
Cryphula apicatus
Cylas formicarius elegantulus
Deloyala guttata
Deroceras reticulatum
Diabrotica porracea
Diaspis echinocacti
Dinaspis aculeata
Diorymerellus laevimargo
Dysdercus mimus
Ectomyelois muriscis
Epinotia aporema
Eucalymnatus tessellatus
Euetheola bidentata
Eugeraeus unifasciatus(?)
Eurytoma orchidearum(?)
Euschistus servus
Eutetranychus banksi
Everes comyntas
Exptochiomera albomaculata
Exptochiomera confusa
Exptochiomera oblonga
Farinococcus olivaceus
Ferrisia virgata
Galgupha punctifer
Galgupha quadrisignata
Gnaphalodes trachyderoides
Gnorimoschema gudmannella
Grapholitha packardi
Gymnandrosoma aurantianum
Gymnococcus agavium
Gynaikothryes ficorum
Helix aspersa
Heterotermes convexinotatus
Jadera sanguinolenta
Lapazia obtecta
Lepidosaphes philococcus
Ligyrocoris auriwilliana
Ligyrocoris nitidicollis
Limax marginatus
Lycophotia ornea
Neoleucinodes elegantalis
Neoleucon rubrotylus
Nezara viridula
Oebalus insularis
Oedancala bimaculata
Ogdoecosta catenulata
Opuntiaspis carinata
Orthezia pseudinsignis
Oxygrylius ruginasus
Ozophora concava
Ozophora consanguineus
Pachodynerus nasidens
Pachygrontha oedancalodes
Paragonatus divergens
Parlatoria cinerea
Paromius longulus
Pectinophora gossypiella
Phenacoccus gossypii
Phera centrolineata
Plagiodera semivittata
Plagiodera thymaloides
Platynota rostrana
Procryptotermes hubbardi
Pseudaonidia tesserata
Pseudischnaspis allenus
Pseudischnaspis longissima
Pseudococcus cualatensis
Pseudodiaspis yuccae
Pseudoparlatoria ostreata
Puto mexicanus
Puto ulter
Reticulitermes flavipes
Reticulitermes tibialis
Rhagoletis juglandis
Rhopalosiphum rufiabdominalis
Stator limbatus
Stator pruininus
Stenoma catenifer
Synyrias diffundens
Talponia batesi
"Targionia" bromiliae
Tenthecoris angustimarginatus
Tenthecoris bicolor
Tenthecoris confusus
Tetraleurodes acaciae
Tetraleurodes ursorum
Tetranychus desertorum
Tetranychus lobosus
Texananus spatulatus
Thecla ziba
Thyanta antiguensis
Trialeurodes abutilonea
Trialeurodes similis
Trialeurodes tephrosiae
Trialeurodes variabilis
Trialeurodes vitrinellus
Trogoderma glabrum
Trogoderma granarium
Trogoderma inclusum
Trogoderma parabile
Trogoderma sternale ssp.
Unaspis citri
Zonitoides arboreus

MIDWAY ISLANDS:

Oxydema fusiforme

MONACO:

Tetranychus cinnabarinus

MOROCCO:

Bouhelia maroccana
Gnorimoschema ocellatella
Parlatoria zizyphus
Theba pisana

NEPAL:

Fiorinia theae

NETHERLANDS:

Acrolepia assectella
Adaxophyes orana
Deroceras reticulatum
Dialeurodes chittendeni
Eriophyes canestrinii
Frankliniella intonsa
Gracilaria azaleella
Lampetia equestris
Myzus asclonicus
Ozychilus allarius
Phytomyza rufipes
Rhopalosiphum crataegellum
Sitona lineata
Taeniothrips atratus
Thrips major
Trogoderma granarium
Tyrophagus infestans

NEW CALEDONIA:

Pseudaonidia darutyi

NEW GUINEA:

Aulacaspis madiuensis
Pinnaspis buxi

NEW ZEALAND:

Lepidosaphes tuberculata
Parlatoria pseudaspidiotus

NICARAGUA:

Aleurocanthus woglumi
Aleurothrixus floccosus
Anastrepha mombinpraeoptans
Chrysomphalus umboniferus
Pseudischnaspis alienus
Pseudischnaspis longissima
Stenoma catenifer

NIGERIA:

Cylas femoralis
Cylas puncticollis
Leucinodes orbonalis

NORTHERN IRELAND:

Lampetia equestris

NORWAY:

Chionaspis salicis

Countries of Origin and Insects—Continued

PALMYRA ISLAND:
Agonozena argaula
Pheidole megacephala

PANAMA:
Acanthoscelides armitagei
Anastrepha mombinpraeoptans
Ancylostomia stercorea
Aspidiotus destructor
Asterolecanium epidendri
Azeta versicolor
Brevipalpus phoenicis
Chalcodermus aeneus
Chrysomphalus personatus
Chrysomphalus tenax
Coccus viridis
Deroceras reticulatum
Ectomyelois muriscis
Furcaspis biformis
Leucaspis cockerelli
Nasutitermes corniger
Parlatoria cinerea
Parlatoria pseudaspidiotus
Pheidole megacephala
Platynota rostrana
Rhinochenus stigma
Stenoma catenifer
Tenthecoris distinguendus
Trogoderma sternale ssp.
Unaspis citri
Vinsonia stellifera
Zonitoides arboreus

PANAMA(?):
Chrysomphalus umboniferus

PARAGUAY:
Pectinophora gossypiella

PERU:
Coccus viridis
Euscepes postfasciatus
Helix aspersa
Pagiocerus fiorii
Stenoma catenifer
Unaspis citri

PHILIPPINES:
Aclerda yunnanensis
Antonina graminis
Aonidiella inornata
Aspidiotus destructor
Aspidiotus palmae
Aulacaspis mangiferae
Chrysomphalus minutus
Coccus viridis
Cryptophlebia ombrodelta
Cylas formicarius ssp.
Cylas formicarius var.
Cylas formicarius formicarius
Dialeurodes kirkaldyii
Epilachna sparsa(?)
Ferrisia virgata
Laspeyresia splendana
Morganella longispina
Nephotettix bipunctatus
Parlatoria zizyphus
Phyllocnistis citrella
Pseudaonidia curculiginis
Pseudococcus lilacinus
Sternochetus mangiferae
Stoeberhinus testaceus
Tenuipalpus pacificus

POLAND:
Aceria tulipae
Limothrips denticornis
Phytomyza rufipes

PONAPE:
Pseudococcus pandani
"Targionia" bromiliae

PORTUGAL:
Aonidiella lauretorum
Aspidiotus degeneratus
Brevipalpus obovatus
Bruchus guttalis(?)
Caryedon fuscus
Cenopalpus pulcher
Ceratitis capitata
Curculio elephas
Diaspis zamiae
Dicyphus errans
Epidiaspis piricola
Glycyphagus ornatus
Iridomyrmex humilis
Laspeyresia splendana
Leucaspis pusilla
Lineaspis striata
Opogona subcervinella
Parlatoria camelliae
Pulvinaria floccifera
Rhagoletis cerasi
Targionia laurina
Thrips angusticeps
Trogoderma granarium

PORTUGAL(?):
Chilo suppressalis

PUERTO RICO:
Anastrepha mombinpraeoptans
Ancylostomia stercorea
Coccus viridis
Cylas formicarius elegantulus
Diaprepes abbreviatus
Euscepes postfasciatus
Fundella pellucens
Lechriops psidii
Maruca testulalis
Nasutitermes costalis
Nezara viridula
Pachyzancla bipunctalis(?)
Pachyzancla perusalis
Pulvinaria urbicola (tentative)
Selenothrips rubrocinctus
Trionymus sacchari

RHODESIA:
Caryedon fuscus(?)

ST. KITTS:
Ancylostomia stercorea
"Targionia" hartii

ST. LUCIA:
Aspidiotus palmae

SCOTLAND:
Frauenfeldiella jelinekii
Gelechia ericetella
Micrelus ericae
Pseudococcus gahani
Scolopostethus decoratus
Taeniothrips atratus
Taeniothrips ericae
Thrips major

SIERRA LEONE:
Cylas puncticollis

SINGAPORE:
Aspidiotus destructor
Cylas formicarius formicarius
Furcaspis biformis
Parlatoria zizyphus
Phenacaspis dendrobii (tentative)

SOUTH PACIFIC:
Pachybrachius nigriceps
Parlatoria zizyphus

SPAIN:
Brachycerus algirus
Ceratitis capitata
Chionaspis salicis

Countries of Origin and Insects—Continued

SPAIN—Continued
Cyptoblabes gnidiella
Curculio elephas
Dacus oleae
Dyspessa ulula
Gnorimoschema ocellatella
Laspeyresia splendana
Parlatoria zizyphus
Rhagoletis cerasi
Theba pisana

SUMATRA:
Bruchus luteicornis

SWEDEN:
Argyresthia conjugella
Blastophagus piniperda
Chionaspis salicis
Myzus ascalonicus
Phytomyza rufipes
Pityogenes chalcographus

SWEDEN(?):
Aspidiotus abietis

SWITZERLAND:
Hylurgops palliatus
Parlatoria camelliae
Rhagoletis cerasi
Stenoptilia stigmatodactyla
Taeniothrips picipes

TAHITI:
Aspidiotus destructor
Morganella longispina
Parlatoria cinerea

TANGANYIKA:
Antonina graminis

THAILAND:
Cylas formicarius ssp.
Cylas formicarius formicarius
Parlatoria citri
Parlatoria zizyphus
Phenacoccus hirsutus

TORTOLA:
Ancylostomia stercorea
Haplothrips gowdeyi

TRINIDAD:
Aganactesis indecora
Anastrepha mombinpraeoptans(?)
Asterolecanium miliaris miliaris
Coccus viridis
Ectomyelois ceratoniae
Furcaspis biformis
Neodrycoetes guianae
Parlatoria cinerea
Pentalonia nigronervosa
Protopulvinaria pyriformis
Pseudaonidia trilobitiformis
Stenoma decora
Vinsonia stellifera

TUNISIA:
Ceratitis capitata
Parlatoria zizyphus

TURKEY:
Curculio elephas

UNION OF SOUTH AFRICA:
Callosobruchus phaseoli
Cenaeus pectoralis
Ceratitis capitata(?)
Epichorista ionephela
Frankliniella schultzei
Iridomyrmex humilis
Ischnodemus diplopterus
Olethreutes leucotreta
Phlyctinus callosus
Pseudothrips glaucus (?)
Raglius apicalis
Trogoderma granarium

UNKNOWN:
Acrolepia assectella
Adoretus sinicus
Argyresthia conjugella
Bruchus tristis
Cylas formicarius formicarius
Dacus dorsalis
Dacus oleae(?)
Ectomyelois ceratoniae
Eurytoma plotnikovi
Metamasius sericeus
Parlatoria cinerea
Parlatoria zizyphus
Rhagoletis cerasi
Taeniothrips atratus
Trionymus lounsburyi
Trogoderma granarium
Trogoderma parabile
Unaspis yanonensis

VENEZUELA:
Aganactesis indecora
Asterolecanium bambusae
Asterolecanium epidendri
Asterolecanium miliaris miliaris
Chrysomphalus personatus
Chrysomphalus propsimus (as defined by McKenzie)
Cryptoblabes gnidiella
Deroceras reticulatum
Ectomyelois muriscis
Furcaspis biformis
Noropsis hieroglyphica
Phelomerus aberrans
Pseudischnaspis allenus
Rupela tinctella
Stenoma catenifer

VIETNAM:
Sternochetus mangiferae

WEST PACIFIC:
Euzoa spinifera
Lethocerus indicus
Prodenia litura

YUGOSLAVIA:
Ectomyelois ceratoniae
Frankliniella intonsa
Pyrausta nubilalis

Pests Collected and Reported From July 1, 1957, Through June 30, 1958

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
‡*Allantonectria miltina* (Mont.) Weese:					
Agave sp.	Mexico			1	Ariz.
Alternaria citri Ell. & Pierce:					
Citrus limon (lemon)	Italy		1		Calif.*
Alternaria dianthi F. L. Stevens & J. G. Hall:					
Dianthus sp.	England			1	Mass.
Aphelenchoides fragariae (Ritzema Bos) Christie(?):					
Bletilla hyacinthina (orchid)	†Japan, Netherlands			2	N.J.
‡*Ascochyta cucumis* Fautr. & Roum.(?):					
Sechium edule (chayote)	Mexico	1			Ariz.
Ascochyta pisi Lib.:					
Pisum sativum (pea)	Italy, Japan, †Portugal	1	2		N.Y., Wash.
‡*Aspergillus mangini* (Mangin) Thom & Raper:					
Oryza sativa (rice)	Portugal	1			P.R.
Asperisporium caricae (Speg.) Maubl.:					
Carica papaya (papaya)	Brazil, Mexico	3			P.R., Tex.
‡*Asterinella epidendri* (Rehm) Theiss.:					
Epidendrum sp. (orchid)	Mexico			1	Tex.
Botryosphaeria berengeriana de N. var. *araucariae* Sacc.:					
Araucaria araucana	Italy			1	N.J.
‡*Botryosphaeria palmigena* (Berk. & Cke.) Bomm. & Rous.:					
Chamaedorea sp.	Mexico			1	Tex.
Botryosphaeria ribis Gross. & Dug.:					
Delonix regia (royal poinciana)	Unknown	1			N.Y.
Botrytis gladiolorum Timmerm.:					
Gladiolus sp.	Japan, Mexico, Netherlands, †Venezuela.	2		28	Calif., Calif.,* N.J., N.Y.
Ceratocystis narcisseii (Limber) J. Hunt:					
Narcissus sp.	England, Germany, New Zealand.			6	N.J.
Cercospora angraeci Feuill. & Roum.:					
Epidendrum ciliare (orchid)	Mexico			1	Tex.
Odontoglossum hallii (orchid)	do			1	Tex.
Oncidium lamelligerum (orchid)	†Ecuador			1	Calif.*
Orchid	Mexico			1	Tex.
Cercospora canescens Ell. & G. Martin:					
Phaseolus vulgaris var. (string bean)	Puerto Rico	1			P.R.
Cercospora coffeicola Berk. & Cke.:					
Coffea sp. (coffee)	Brazil, †El Salvador	1		1	La., Tex.
‡*Cercospora columnaris* Ell. & Ev.:					
Phaseolus vulgaris	Puerto Rico	1			P.R.
†*Cercospora cypripedii* Ell. & Dearn.:					
Sobralia xantholeuca (orchid)	Guatemala			1	Tex.
Cercospora gossypina Cke.:					
Gossypium sp. (cotton)	Mexico	1			Tex.
Cercospora handelii Bub.:					
Rhododendron sp.	Netherlands			9	N.J., N.Y
Cercospora insulana Sacc.:					
Armeria sp. (statice)	Mexico, †Peru	2			Fla., Tex.
Cercospora musae Zimm.:					
Musa paradisiaca sapientum (banana)	Panama	1			S.C.
Cercospora neriella Sacc.:					
Nerium oleander (oleander)	Bermuda			1	Va.
†*Cercospora odontoglossi* Prill. & Delac.:					
Oncidioda sp. (orchid)	Mexico			1	Tex.
‡*Cercospora puderi* B. H. Davis:					
Rosa sp.	do	1			Tex.
Cercospora purpurea Cke.:					
Persea americana (avocado)	do	1			Tex.
Cerebella andropogonis Ces.:					
Paspalum dilatatum (Dallis grass)	Australia, New Zealand			2	Ill., S.C.
†*Cerotelium fici* (Butl.) Arth.:					
Ficus carica (fig)	Ecuador	1			Fla.
‡*Chalaropsis thielaviopsis* Peyronel:					
Astilbe sp.	Netherlands			1	N.J.
Chlamydomyces palmarum (Cke.) Mason:					
Oryza sativa (rice)	Japan		1		Calif.*

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
Chrysomyxa ledi d By. var. *rhododendri* (d By.) Savile:					
Rhododendron ferrugineum (rock rhododendron).	Switzerland	25	----	1	N.J., N.Y., Wash.
Rhododendron hirsutum (garland rhododendron).	Austria, Switzerland	2	----	----	N.J.
Rhododendron pemakoense	†Canada	----	----	1	Wash.
Rhododendron 'Racil'	do	----	----	1	Wash.
Rhododendron radicans (rockmantle rhododendron).	do	----	----	1	Wash.
Rhododendron 'Tessa'	do	----	----	1	Wash.
Rhododendron sp	Germany, Switzerland	5	----	5	Calif.,* D.C., Ill., N.J., N.Y., Va.
Chrysomyxa ledicola Laghr.:					
Picea mariana (black spruce)	Canada	----	----	1	N.J.
Cladosporium orchidearum Cke. & Mass.:					
Cattleya citrina (orchid)	Mexico	----	----	1	Tex.
‡*Coleosporium asterum* (Diet.) Syd.:					
Callistephus chinensis (China-aster)	Cuba	1	----	----	Fla.
Coleosporium ipomoeae (Schw.) Burr.:					
Ipomoea sp	Mexico	1	----	----	Tex.
‡*Colletotrichum crassipes* (Speg.) Arx:					
Crataegus sp	El Salvador	1	----	----	Tex.
Colletotrichum dematium (Fr.) Grove:					
Capsicum frutescens (pepper)	Mexico, Union of South Africa.	2	----	----	N.Y., Tex.
Hedera helix (ivy)	England	----	1	----	Mass.
Hedera sp	do	----	1	1	Mass., N.Y.
Rheum rhaponticum (rhubarb)	Canada	----	----	1	N.Y.
Colletotrichum dematium (Fr.) Grove f. *circinans* (Berk.) Arx:					
Allium porrum (leek)	†Japan	----	1	----	Calif.*
Colletotrichum graminicola (Ces.) G. W. Wils.:					
Arundinaria sp	†Portugal	----	----	1	D.C.
Brachypodium sp	Italy	----	----	1	D.C.
Straw—cereal	Portugal	1	----	----	S.C.
Triticum aestivum (wheat)	do	1	----	----	N.Y.
Colletotrichum musae (Berk. & Curt.) Arx:					
Musa paradisiaca sapientum (banana)	Brazil	1	----	----	P.R.
‡*Coniothecium agaves* Petr.:					
Agave sp	Mexico	----	----	1	Tex.
Coniothecium scabrum McAlp.:					
Citrus limon (lemon)	Italy	1	----	----	N.Y.
Coniothyrium cytisellum (Pass. & Thuem.) Sacc.:					
Laburnum watereri (waterer laburnum)	Netherlands	----	----	3	N.J.
†*Coniothyrium diplodiella* (Speg.) Sacc.:					
Vitis sp. (grape)	Denmark	----	----	1	Calif.*
‡*Coniothyrium globulisporum* Speg.:					
Cactus plants	Mexico	----	----	1	Tex.
Coniothyrium hellebori Cke. & Mass.:					
Helleborus niger (Christmas-rose)	Germany, Italy, Netherlands.	----	----	3	N.J., N.Y., Pa.
Helleborus sp	Netherlands	----	----	1	N.Y.
‡*Coniothyrium socium* Pass. & Beltr.(?):					
Palm	Mexico	1	----	----	Mass.
†*Coniothyrium stanhopeae* P. Henn.:					
Stanhopea bucephalus (orchid)	Canal Zone	----	----	1	Fla.
Corynespora cassiicola (Berk. & Curt.) Wei:					
Lycopersicon esculentum (tomato)	Mexico	----	1	----	La.
†*Coryneum carpophilum* (Lev.) Jauch:					
Prunus tenella	Canada	----	----	1	N.J.
Criconemoides xenoplax Raski:					
Juniperus sp	Japan	----	----	1	Wash.
Cryptospora longispora Servazzi:					
Araucaria excelsa (Norfolk-Island-pine)	Australia, Norfolk Island	----	----	12	Calif.,* D.C., Fla., N.J.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entity	Propagation	
†*Cummingiella mirabilissima* (Pk.) Nannf.:					
Mahonia sp.	England(?)		1		Mass.
†*Curvularia geniculata* (Tracy & Earle) Boed.:					
Areca catechu (betel palm)	Pakistan	1			D.C.
Curvularia lunata (Wakk.) Boed.:					
Capsicum frutescens longum (chili pepper)	Mexico	1			Tex.
‡*Cylindrocarpon radicicola* Wr.:					
Cotinus coggygria	Netherlands			1	N.J.
†*Cytospora chrysosperma* Fr.:					
Populus sp.	Canada			1	Wash.
‡*Dendrophoma cytosporoides* Sacc. var. *punicina* Sacc.:					
Punica granatum (pomegranate)	Spain	1			N.Y.
‡*Diaporthe arctii* (Lasch) Nits.:					
Cocos nucifera (coconut)	Christmas Island	1			Hawaii
†*Diaporthe eres* Nits.:					
Ilex sp.	England			1	D.C.
‡*Diaporthe oncostoma* (d By.) Fckl.:					
Parkinsonia aculeata	Uruguay			1	Calif.*
Didymellina ornithogali Jacques:					
Ornithogalum thyrsoides (chinkerichee)	Union of South Africa	2			Mass.
Diplodia circinans Berk. & Br.:					
Yucca sp.	Mexico			1	Ariz.
Diplodia coccocarpa Sacc.:					
Cocos nucifera (coconut)	†Canal Zone, Hawaii, Mexico.	4			Calif.*
Diplodina eurhododendri Voss:					
Rhododendron sp.	Netherlands			1	N.Y.
Diplodina leucothoes (P. Henn.) Died.:					
Leucothoe catesbaei	do			1	N.J.
Discohainesia oenotherae (Cke. & Ell.) Nannf.:					
Bergenia cordifolia	do			1	N.J.
Paeonia suffruticosa (tree peony)	Japan			1	N.J.
Paeonia sp.	Japan, Netherlands			2	N.J., Pa.
Rhododendron ferrugineum (rock rhododendron).	Switzerland			1	N.J.
Ditylenchus dipsaci (Kuhn) Filip.:					
Allium sativum (garlic)	Mexico	2			Ariz.
Iris sp.	Netherlands			1	Pa.
Narcissus sp.	England, Scotland			9	N.J.
Elsinoe australis Bitanc. & Jenkins:					
Citrus aurantifolia (lime)	Unknown		1		Calif.*
Citrus limon (lemon)	Argentina, Brazil, unknown.	4	4		Calif.,* Fla., Mass., N.Y.
Citrus paradisi (grapefruit)	Brazil		3		Calif.,* Pa., Tex.
Citrus reticulata (Mandarin orange)	do	1			N.Y.
Citrus sinensis (orange)	Argentina, Brazil, unknown.	2	36		Fla., La., Md., Mass., N.Y., Pa., S.C., Tex.
Elsinoe mangiferae Bitanc. & Jenkins:					
Mangifera indica (mango)	Cuba, †Guatemala, Honduras, unknown.	8	1		N.Y.
Elsinoe phaseoli Jenkins:					
Phaseolus lunatus (civet bean)	Puerto Rico	1			Ill.
Phaseolus lunatus macrocarpus (lima bean)	do	2			Ill.
Entyloma oryzae Syd. & P. Syd.:					
Oryza sativa (rice)	Japan		5		Calif.*
Exobasidium vaccinii (Fckl.) Wor.:					
Rhododendron indicum	Belgium			1	N.Y.
Fusarium oxysporum Schlecht. *f. gladioli* (Massey) Snyd. & Hans.:					
Freesia sp.	England			1	N.Y.
Gladiolus sp.	Mexico			1	Calif.
Fusicoccum galericulatum (Tul.) Sacc.:					
Fagus sylvatica (European beech)	Netherlands			1	N.J.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
†*Geotrichum candidum* Lk.:					
Lycopersicon esculentum (tomato)	Mexico	1			Ariz.
‡*Gottholdsteineria goodeyi* (Loof & Oostenbrink) Andrassy:					
Soil with unknown plants	Ireland			1	Mass.
"Greasy spot":					
Citrus reticulata (Mandarin orange)	Mexico	1			Tex.
Citrus sinensis (orange)	do	1			Tex.
‡*Griphosphaeria corticola* (Fckl.) Hoehn.:					
Rosa sp.	Germany			1	N.Y.
Guignardia traversi (Cav.) Lind.:					
Stanhopea sp. (orchid)	Mexico			1	Tex.
Gymnosporangium haraeanum Syd.:					
Juniperus chinensis (Chinese juniper)	Japan			3	Calif.*
†*Helicotylenchus erythrinae* (Zimmerman) Golden:					
Soil with garlic	Ireland			1	Mass.
Soil with unknown plants	Mexico			1	Tex.
†*Helicotylenchus multicinctus* (Cobb) Golden:					
Soil with roots of banana plants	Cuba			1	Fla.
Helicotylenchus nannus Steiner:					
Soil with begonia plants	Mexico			2	Ariz.
Soil with carnation plants	do			1	Tex.
Soil with coleus plants	do			1	Ariz.
Soil with herbaceous plant	do			1	Tex.
Soil with mint plant	do			1	Tex.
Soil with unknown plants	do			3	Ariz., Tex.
Soil with unknown roots	Netherlands			1	Fla.
Hendersonia opuntiae Ell. & Ev.:					
Pachycereus marginatus (organpipe cactus)	Mexico			1	Ariz.
†*Hendersonia oryzae* Miyake:					
Oryza sativa (rice)	India	1			Calif.*
Hendersonia piriformis Otth.:					
Fagus sylvatica (European beech)	Netherlands			2	N.J.
Heterodera avenae Eidam:					
Soil	†Czechoslovakia	1			N.Y.
Soil with automobiles	England, Europe (country(?)), Germany.	4			Fla., Md., Wash.
Soil with carnation plants	Germany			1	N.Y.
Soil with cypress and juniper plants	England			1	N.J.
Soil with dahlia roots	do			1	N.J.
Soil with garlic	Italy	2			N.Y.
Soil with onions	Spain	2			N.Y.
Soil with *Ornithogalum saundersiae*	Israel			1	N.Y.
Soil with potatoes	England		1		Tex.
Soil with primrose plant	do			1	N.Y.
Soil with spruce seedlings	Germany			1	N.J.
Soil with unknown plants	Germany, Italy			2	N.Y.
Heterodera cacti Filip. & Schurr. Stek.:					
Soil	Mexico	3		1	Ariz., Tex.
Soil with acacia plant	do			1	Ariz.
Soil with *Aloe gasterioides* plants	do			1	Tex.
Soil with aloe plant	do			1	Tex.
Soil with amaryllis bulbs	do	1			Ariz.
Soil with avocado and begonia plants	do			1	Tex.
Soil with begonia plants	do			2	Tex.
Soil with begonia and portulaca cuttings	do			1	Ariz.
Soil with bougainvillea plants	do			2	Ariz., Tex.
Soil with bromeliad	do			1	Tex.
Soil with *Bryophyllum* sp. plants	do	1		1	Fla., Tex.
Soil with bulbs	do			1	Tex.
Soil with cactus plants	England, Mexico, †Venezuela.	1	1	43	Ala., N.Y., Pa., Tex.
Soil with cactus and ground-moss plants	Mexico			1	Tex.
Soil with cactus and succulent plants	do			1	Tex.
Soil with caladium plants	Mexico, †Trinidad			3	Ariz., Va.
Soil with carnation plant	Mexico			1	Tex.
Soil with *Cereus* sp., portulaca, and spiderwort plants.	do			1	Tex.
Soil with coleus plants	do			1	Ariz.
Soil with cuttings	do			1	Tex.
Soil with empty trailer	do		1		Tex.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
Heterodera cacti Filip. & Schurr. Stek.—Con.					
Soil with fern plants	Mexico	1		3	Ariz., Tex.
Soil with feverfew roots	do	1			Tex.
Soil with garlic	Argentina, Mexico	20			N.Y., Pa., Tex.
Soil with geranium plants	Mexico		1	2	Tex.
Soil with gladiolus corms	do			1	Tex.
Soil with herbaceous plants	do	1		1	Tex.
Soil with herbaceous and mint plants	do			1	Tex.
Soil with India rubbertree	do			1	Tex.
Soil with ivy plant	do			1	Tex.
Soil with leaf mold	do			1	Tex.
Soil with lilac plant	do			1	Tex.
Soil with mint plants	do	1		2	Ariz., Calif., Tex.
Soil with narcissus bulbs	Japan			1	N.Y.
Soil with orange lycoris bulbs	do			1	N.Y.
Soil with oxalis plants	Mexico	1			Tex.
Soil with palm plant	do			2	Ariz., Tex.
Soil with pampas grass plants	do			1	Tex.
Soil with pansy plants	do			1	Ariz.
Soil with passion vine plants	do			1	Ariz.
Soil with peperomia and sprenger asparagus plants.	do			1	Tex.
Soil with petunia plant	do			1	Ariz.
Soil with poinsettia plants	do	1			Tex.
Soil with portulaca plants	do	1		4	Tex.
Soil with potatoes	do	1	8		Tex.
Soil with pothos (?) plant	do			1	Tex.
Soil with railway car	do		3		Tex.
Soil with rosa-de-montana plant	do			1	Tex.
Soil with rue plant	do			1	Tex.
Soil with *Sedum* sp. plant	do			1	Tex.
Soil with selaginella plants	do			1	Tex.
Soil with spearmint plants	do	1			Tex.
Soil with spiderwort plants	do			1	Ariz.
Soil with succulent plants	do			6	Tex.
Soil with taro plant	do			1	Tex.
Soil with tree stump	do	1			Tex.
Soil with tuberose bulbs	do			2	Ariz., Tex.
Soil with unknown plants	do			34	Ariz., Tex.
Soil with wandering-jew plant	do	1			Tex.
Soil with yarrow plants	do			1	Tex.
Heterodera humuli Filip.:					
Soil with hop roots	England, †Germany			2	N.J.
Heterodera punctata Thorne:					
Soil with Araceae root	England			1	Fla.
Soil with automobiles	Belgium, England, Europe (country(?)), Germany.	9			Fla., Mass., N.Y., Tex., Wash.
Soil with cypress and juniper plants	England			2	N.J.
Soil with dahlia roots and gladiolus corms	France			1	N.Y.
Soil with fuchsia, gardenia, and geranium roots	England			1	N.J.
Soil with gardenia plants	Germany			1	N.J.
Soil with grass sod	Unknown			1	N.Y.
Soil with leeks	Netherlands		1		Md.
Soil with potatoes	England, Mexico		4	1	N.Y., Tex.
Soil with primrose plant	England			1	N.Y.
Soil with rubber plants	Mexico			1	Tex.
Soil with sweetpotatoes	do	1			Ariz.
Soil with track shoes	Ireland	1			N.Y.
Soil with tuberous begonia	Mexico			2	Ariz.
Soil with unknown plants	Germany, Mexico			3	N.Y., Tex.
Heterodera rostochiensis Wr.:					
Soil with acacia plant	Mexico			1	Ariz.
Soil with agave plants	do			1	Tex.
Soil with automobiles	Germany	5			Ala., La., Tex., Wash.
Soil with beets	England, Germany		2		Tex., Wash.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	County of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
Heterodera rostochiensis Wr.—Con.					
Soil with bromelia plants, lily bulbs, and mint plants.	Mexico	----	----	1	Tex.
Soil with cactus plant	Scotland	----	----	1	Mass.
Soil with carnation and geranium plants	Mexico	----	----	1	Tex.
Soil with carrot root	Denmark	----	1	----	Tex.
Soil with cypress and juniper plants	England	----	----	1	N.J.
Soil with dahlia roots	England, Scotland	----	----	4	Ill., Mass., N.J.
Soil with fern plant	Mexico	----	----	1	Ariz.
Soil with geranium plant	do	----	----	1	Tex.
Soil with grass sod	British Isles	----	----	1	N.Y.
Soil with heather plant	Scotland	----	----	1	N.J.
Soil with horseradish	Germany	----	3	----	Md., Va.
Soil with lavender and mint plants	England	----	----	1	N.Y.
Soil with lily bulbs	Mexico	----	----	1	Tex.
Soil with parsnip root	England	----	1	----	Tex.
Soil with potatoes	Argentina, England, Ireland, †Malta, Peru, Sweden.	3	7	1	Calif.,* Fla., Ill., La., Md., Mass., N.Y.
Soil with primrose plants	Scotland	----	----	1	Mass.
Soil with shamrock plants	Ireland	1	----	1	Calif.,* N.Y.
Soil with strawberry plant	Scotland	----	----	1	D.C.
Soil with unknown plants	Ireland, Mexico	----	----	4	Mass., Tex.
Soil with zephyrlily plants	Mexico	----	----	1	Tex.
Heterosporium iridis (Faut. & Roum.) Jacques: *Iris germanica* (German iris)	New Zealand	----	----	1	Calif.*
Heterosporium ornithogali (Klotzsch) Cke.: *Ornithogalum thyrsoides* (chinkerichee)	Union of South Africa	2	----	----	Ga., N.J.
Lembosia rolfsii Horne: *Miltonia endresii* (orchid)	Costa Rica	----	----	1	Hawaii.
"Leprosis": *Citrus sinensis* (orange)	Mexico	3	----	----	Ariz., Tex.
†*Leptosphaeria eustomoides* Sacc.: *Triticum* sp	Belgium, Japan	1	4	----	Calif.*
‡*Leptosphaeria michotii* (West.) Sacc.: *Oryza sativa* (rice)	Japan	----	1	----	Calif.*
Leptosphaeria oryzina Sacc.: *Oryza sativa* (rice)	do	4	19	----	Calif.*
Leptosphaeria rusci (Wallr.) Sacc.: *Ruscus* sp	Italy	10	5	----	Pa.
Macrophoma araucariae De Lac.: *Araucaria cunninghamii*	†New Guinea	----	----	1	Calif.*
Araucaria excelsa (Norfolk-Island-pine)	Australia, Bermuda, Norfolk Island.	----	----	5	Calif.*
Macrophoma cocos Pass.: *Cocos nucifera* (coconut)	†American Samoa, †Guam, Hawaii, †Japan, Mexico.	11	----	1	Calif.*
Macrophoma musae (Cke.) Berl. & Vogl.: *Musa paradisiaca sapientum* (banana)	Hawaii, unknown	1	1	----	Calif.*
Musa sp	Costa Rica	1	----	----	Calif.*
‡*Melampsora paradoxa* Diet. & Holw.(?): *Salix* sp. (willow)	Mexico	1	----	----	Ariz.
Meloidogyne arenaria (Neal) Chitwood: *Begonia* sp	Mexico, †New Guinea	----	----	2	Calif.,* Tex.
Berberis thunbergii (Japanese barberry)	Japan	----	----	1	Calif.*
Cactus	Mexico	----	----	1	Tex.
Caladium 'Candidum'	Guatemala	----	----	3	N.J.
Caladium sp	Japan, Mexico	----	----	2	Calif.,* Tex.
Calathea sp	Mexico	----	----	1	Tex.
Colocasia sp	do	----	----	1	Tex.
Dahlia sp	Japan	----	----	2	Calif.*
Freesia sp	do	----	----	1	N.Y.
Gladiolus gandavensis	do	----	----	1	Calif.*
Gladiolus sp	do	----	----	15	Calif.,* N.Y.
Iris kaempferi (Japanese iris)	do	----	----	1	N.J.
Maranta sp	Mexico	----	----	1	Tex.
Solanum tuberosum (potato)	Argentina	----	1	----	Pa.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
Meloidogyne arenaria (Neal) Chitwood—Con.					
Zantedeschia aethiopica (calla lily)	Japan			1	N.J.
Zingiber officinale (ginger)	Canal Zone			1	Fla.
Zingiber sp.	Mexico			1	Tex.
Meloidogyne hapla Chitwood:					
Apium graveolens (celery)	England		2		Pa.
Dahlia sp.	Australia, Japan			3	Calif.*
Geranium endressi	England, Netherlands			2	N.J., N.Y.
Oreocharis primuloides	Canada			1	N.J.
Paeonia mlokosewitschi	England			1	N.J.
Paeonia suffruticosa (tree peony)	Japan			1	N.J.
Pastinaca sativa (parsnip)	Germany		1		Va.
Rosa multiflora (Japanese rose)	Netherlands			1	N.J.
Soil	Mexico	1			Ariz.
Weigela hortensis 'Manelys'	Netherlands			1	N.J.
Meloidogyne incognita (Kofoid & White) Chitwood:					
Apium graveolens (celery)	†Singapore		1		Mass.
Beta vulgaris (beet)	Mexico, West Africa	8	1		La., Tex.
Brassica rapa (turnip)	Mexico	2			Tex.
Daucus carota (carrot)	do	2			Tex.
Ipomoea batatas (sweetpotato)	Peru		1		La.
Kleinia cylindrica	Union of South Africa			1	Calif.*
Lactuca sativa (lettuce)	French West Africa		1		Mass.
Polianthes sp.	Canal Zone			1	Tex.
Soil with portulaca plants	Mexico			1	Ariz.
Solanum tuberosum (potato)	Argentina, Bermuda, Italy, Peru.	1	3		La., Mass.
Meloidogyne incognita (Kofoid & White) Chitwood(?):					
Polianthes tuberosa (tuberose)	Israel			1	N.Y.
Meloidogyne incognita (Kofoid & White) Chitwood *acrita* Chitwood:					
Agapanthus sp.	Japan			1	Hawaii.
Aloe sp.	Mexico			1	Tex.
Apium graveolens (celery)	†Colombia		1		Tex.
Artocarpus sp.	Cuba			1	Fla.
Canna sp.	Mexico			1	Tex.
Cichorium sp.	French West Africa		1		Mass.
Echeveria gibbiflora metallica	Brazil			1	D.C.
Epimedium spp.	†England			1	N.J.
Gladiolus sp.	Japan			3	Calif.*
Iris kaempferi (Japanese iris)	Japan			1	N.J.
Jasminum nudiflorum	do			1	Calif.*
Lactuca sativa (lettuce)	French West Africa, †Trinidad.		2		Mass.
Lilium sp. (lily)	Cuba			1	Fla.
Monstera deliciosa	Mexico			1	Tex.
Ophiopogon japonica (dwarf lilyturf)	Brazil			1	D.C.
Rhapis sp.	Mexico			1	Tex.
Sansevieria laurentii	do			1	Tex.
Soil with *Anemopsis californica*(?) plant	do			1	Ariz.
Solanum tuberosum (potato)	Brazil, †India		3		Pa.
Unknown plant	Brazil			1	D.C.
Zantedeschia elliottiana (golden calla lily)	Japan			1	N.J.
Meloidogyne javanica (Treub.) Chitwood:					
Aloe schelpii	†Kenya			1	Calif.*
Begonia sp.	Mexico			1	Tex.
Cactus	do			1	Tex.
Cichorium sp.	†French West Africa		1		Mass.
Colocasia esculenta (dasheen)	Cuba	1			Fla.
Dahlia sp.	Australia			1	Calif.*
Daucus carota (carrot)	†Fiji Islands		1		Md.
Euphorbia polycantha	Kenya			1	Calif.*
Euphorbia sp.	do			1	Calif.*
Freesia sp.	Italy			1	N.J.
Gerbera sp.	Jamaica			1	Fla.
Malphigia sp.	†Puerto Rico			1	D.C.
Phaseolus sp.	Mexico	1			Calif.*
Polianthes tuberosa (tuberose)	†Israel			1	N.Y.
Roscoea sp.	India			1	Calif.*

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
Meloidogyne javanica (Treub.) Chitwood—Con.					
Solanum tuberosum (potato)	Brazil, Egypt		3		Pa.
Tabebuia chrysotricha	Brazil			1	D.C.
Thomsonia nepalensis	India			1	N.J.
Viola sp	Hawaii			1	Calif.*
Zantedeschia aethiopica (calla lily)	France, Italy			7	N.J., Va.
Memnoniella echinata (Riv.) Gall.:					
Musa paradisiaca sapientum (banana)	Honduras			1	N.J.
Palm	†French West Africa	1			Tex.
Solanum tuberosum (potato)	Belgium, England		2		Calif.*
Zingiber officinale (ginger)	China	1			Calif.*
Micropeltis bakeri (Syd.) Cash & Watson:					
Oncidium sp. (orchid)	Mexico			1	Tex.
Orchid	Surinam			1	P.R.
‡*Microthyriella rubi* Petr.:					
Rubus sp	France		3		Mass.
Monilinia fructigena (Aderh. & Ruhl.) Honey:					
Malus sylvestris (apple)	England, France, Spain		3		Pa.
Monochaetia compta (Sacc.) Allesch.:					
Rosa multiflora japonica	Netherlands			2	N.J.
Mycosphaerella cattleyae Cash & Watson:					
Epidendrum sp. (orchid)	Mexico			1	Tex.
Mycosphaerella clintoniana House:					
Rhododendron sp	England			1	N.Y.
†*Mycosphaerella coffeicola* (Cke.) Stevenson & Wellman:					
Coffea sp	Portugal			1	Mass.
Mycosphaerella fragariae (Tul.) Lindau:					
Fragaria sp. (strawberry)	Germany			1	D.C.
Mycosphaerella opuntiae Ell. & Ev.:					
Astrophytum spp	Mexico			1	Tex.
Cactus	do			1	Tex.
Mycosphaerella rosigena (Ell. & Ev.) Lindau:					
Rosa sp	Costa Rica			1	Fla.
†*Mycosphaerella rubi* Roark:					
Rubus sp	France		1		Mass.
Mycosphaerella schoenoprasi (Rab.) Schroet.:					
Allium cepa solanium	Japan		1		Calif.*
Allium fistulosum (Welsh onion)	do		13		Pa.
Allium porrum (leek)	do		4		Calif.*, N.Y.
Allium schoenoprasum	do		1		Calif.*
‡*Mycosphaerella serrulatae* (Ell. & Ev.) Diehl:					
Palm	Mexico	1			Mass.
‡*Mycosphaerella vaccinii* (Cke.) Schroet.:					
Vaccinium vitis-idaea	Norway			1	N.Y.
Myrothecium roridum Fr.:					
Lycopersicon esculentum (tomato)	Mexico	1			Tex.
†*Mystrosporium adustum* Massee:					
Iris sp	Japan			1	Pa.
‡*Myxosporium everhartii* Sacc. & Syd.:					
Cornus alba var	Netherlands			1	N.J.
Neofabraea malicorticis Jacks:					
Pyrus communis (pear)	Mexico (?)		1		Ariz.
Neovossia horrida (Tak.) Padw. & A. Kahn:					
Oryza sativa (rice)	Japan		2		Calif.*
Nigrospora sphaerica (Sacc.) Mason:					
Oryza sativa (rice)	do	1			Calif.*
Omphalia flavida (Cke.) Maubl. & Rangel:					
Gardenia augusta (gardenia)	Mexico			3	Tex.
Oospora pustulans Owen and Wakef.:					
Solanum tuberosum (potato)	Netherlands	1			Ill.
Ophiobolus oryzinus Sacc.:					
Oryza sativa (rice)	Japan		1		Calif.*
Ophiobolus versisporus Ell. & G. Martin:					
Cocos nucifera (coconut)	Bahamas	1			Tex.
Papularia sphaerosperma (Lk.) Hoehn.:					
Bamboo	Hong Kong, Mexico	1		1	Ariz., Wash.
Lavoisiera sp	Brazil			1	D.C.
Papulaspora coprophila Hotson:					
Gladiolus sp	Japan			5	Calif.*

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
†*Puccinia dodgei* Conners:					
Acidanthera sp.	Netherlands			1	N.J.
Puccinia parasitica (Eidam.) Harz.:					
Allium porrum (leek)	Japan		1		Calif.*
‡*Parodiella congregata* Syd.:					
Agave shawii	Mexico	1			Calif.
Periconia pycnospora Fr.:					
Orchid	do			1	Ariz.
Pestalotia conspicua Servazzi:					
Angraecum falcatum	†Japan			1	Calif.*
Cymbidium simonsianum (orchid)	do			1	Calif.*
Dendrobium bracteosum (orchid)	New Guinea			1	Hawaii
Oncidium wentworthianum (orchid)	Mexico			1	Tex.
Orchid	British Honduras			1	Fla.
†*Pestalotia disseminata* Thuem.:					
Terminalia catappa (tropical almond)	Cuba	1			La.
Pestalotia funerea Desm.:					
Pinus sp. (pine)	England			1	D.C.
Pestalotia macrotricha Kleb.:					
Rhododendron sp.	Netherlands			2	N.Y.
†*Pestalotia micheneri* Guba:					
Araucaria cunninghamii	New Guinea			1	Calif.*
Araucaria excelsa (Norfolk-Island-pine)	Hawaii			1	Calif.*
Pestalotia psidii Pat.:					
Psidium guajava (guava)	Mexico	3			Tex.
Pestalotia rhododendri (D. Sacc.) Guba:					
Rhododendron sp.	Netherlands			4	N.J., N.Y.
Phoma araucariae Trav.:					
Araucaria excelsa (Norfolk-Island-pine)	Australia			1	Calif.*
Phoma citricarpa McAlp.:					
Citrus aurantifolia (sour lime)	Union of South Africa		1		Tex.
Citrus aurantium (sour orange)	†Federation of Malaya, Japan.		2		Calif.*
Citrus limon (lemon)	Africa (country(?)), Australia, Brazil, Union of South Africa, unknown.	1	19		Ala., Calif.,* Hawaii, Md., Mass., N.Y., Pa., Tex.
Citrus paradisi (grapefruit)	Union of South Africa		1		N.Y.
Citrus reticulata (Mandarin orange)	Australia(?), China, Federation of Malaya, Formosa, Hong Kong, Japan, Philippines, Singapore, Thailand, unknown.	39	15		Calif.,* Hawaii, Mass., N.Y., Wash.
Citrus reticulata unshiu (Satsuma orange)	China	1			Wash.
Citrus sinensis (orange)	Australia, China, Formosa, Hong Kong, Japan, Union of South Africa, unknown.	25	34		Calif.,* Hawaii, Mass., Minn., N.J., N.Y., Pa., Tex., Va.
Citrus sp.	China, Hong Kong, Japan(?), Philippines, unknown.	28			D.C., Hawaii, Mass., N.Y., Tex., Wash.
Phoma insidiosa Tassi:					
Sorghum spp.	India			1	N.J.
Phoma lingam (Fr.) Desm.:					
Brassica oleracea capitata (cabbage)	Netherlands		1		S.C.
Phoma psidii P. Henn.:					
Psidium guajava (guava)	Mexico	2			Tex.
‡*Phomopsis quercella* (Sacc. & Roum.) Died.:					
Quercus garryana (Oregon white oak)	Canada			1	N.Y.
Phyllachora engleri Speg.:					
Anthurium sp.	Costa Rica			1	Fla.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
Phyllachora graminis (Fr.) Fckl.:					
Oryza sativa (rice)	India	1			Ill.
Triticum sp	Japan		1		Calif.*
Phyllosticta aucubicola Sacc.:					
Aucuba japonica 'Croton'	Belgium			1	N.J.
‡*Phyllosticta chrysanthemi* Ell. & Dearn.:					
Chrysanthemum sp	Mexico	1			Ariz.
†*Phyllosticta mortoni* Fairm.:					
Mangifera indica (mango)	Dominican Republic			1	Fla.
‡*Phyllosticta palmicola* Cke.:					
Palm	Mexico			1	Ariz.
Phyllostictina pyriformis Cash & Watson:					
Cypripedium insigne	India			1	N.J.
Jacquiniella major	Canal Zone			1	Fla.
Orchid	Trinidad			1	P.R.
Stanhopea sp	Mexico			1	Tex.
†*Physalospora camptospora* Sacc.:					
Earina mucronata	New Zealand			1	Calif.*
†*Physalospora obtusa* (Schw.) Cke.:					
Vitis sp., probably *vinifera*	Greece			1	N.Y.
†*Physalospora wildemanniana* Sacc.:					
Cymbidium simonsianum (orchid)	Japan			1	Calif.*
Phytopthora capsici Leon.:					
Benincasa hispida (zit-kwa)	Mexico	1			Ariz.
Cucurbita pepo (squash)	do	1			Ariz.
†*Plowrightia virgultorum* (Fr.) Sacc.:					
Alnus(?) sp	Norway			1	N.J.
Pratylenchus penetrans (Cobb) Sher & Allen:					
Convallaria majalis (lily-of-the-valley)	†Japan			1	Calif.*
Helleborus sp	Netherlands			1	N.Y.
Pratylenchus pratensis (de Man) Filip.(?):					
Astilbe sp	do			1	N.J.
Pseudomicrocera henningsii (Koord.) Petch:					
Scale insect on plant material	British Guiana, Mexico	2			Fla., Tex.
Pseudomonas tonelliana (Ferr.) Burk.:					
Nerium oleander (oleander)	Mexico			1	Tex.
‡*Pseudomonas viburni* (Thornberry & H. W. Anderson) Stapp.:					
Viburnum plicatum	Scotland			1	D.C.
†*Psilenchus hilarulus* de Man:					
Bougainvillea sp	Mexico			1	Tex.
Hibiscus sp	do			1	Tex.
Soil with cactus plant	do			1	Tex.
Soil with coleus plant	do			1	Ariz.
Soil with fern plants	do			1	Ariz.
Soil with herbaceous plants	do	1			Tex.
Puccinia angustata Pk.:					
Scirpus sp. (bulrush)	Unknown	1			N.Y.
Puccinia arenariae (Schum.) Wint.:					
Dianthus barbatus (sweet-william)	England, †Sweden	2			Mass., N.Y.
Puccinia buxi DC.:					
Buxus sempervirens (box)	Italy			1	N.Y.
Puccinia chloridis Speg.:					
Bouteloua sp	Mexico	1		1	Ariz.
Puccinia chrysanthemi Roze:					
Chrysanthemum sp	Japan		1		Hawaii.
Puccinia cynodontis Desm.:					
Cynodon dactylon (Bermuda grass)	Mexico	1			Tex.
Puccinia horiana P. Henn.:					
Chrysanthemum sp	Japan	12	8		Hawaii, Wash.
Puccinia ornithogali-thyrsoides Diet.:					
Ornithogalum thyrsoides (chinkerichee)	Union of South Africa	5			Ill., Mass., Mich., N.J., N.Y.
Puccinia phyllostachydis Kus.:					
Bamboo	Japan	1			Hawaii.
Puccinia striiformis West.:					
Hordeum vulgare (barley)	India			1	D.C.
Straw—cereal	Azores	1			Mass.

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Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
‡*Puccinia thaliae* Diet.:					
Canna sp.	Panama			2	Fla.
Puccinia urbaniana P. Henn.:					
Stachytarpheta jamaicensis	Puerto Rico	1			Ill.
‡*Pyrenochaeta berberidis* (Sacc.) Brun.:					
Mahonia bealei (leatherleaf hollygrape)	England			1	N.J.
Pythium aphanidermatum (Edson) Fitz.:					
Cucurbita pepo (squash)	Mexico	1			Ariz.
Phaseolus vulgaris var. (string bean)	do	3			Ariz.
†*Pythium ultimum* Trow.:					
Phaseolus vulgaris var. (string bean)	do	1			Ariz.
‡*Ravenelia mesillana* Ell. & Barth.:					
Cassia bauhinioides	do			1	Tex.
Ring spot virus:					
Citrullus vulgaris (watermelon)	do	4			Ariz.
‡*Scirrhia lophodermioides* Ell. & Ev.:					
Saccharum officinarum (sugarcane)	do	1			Ariz.
Sclerotiopsis testudinea Dearn.:					
Paeonia suffruticosa (tree peony)	Japan			9	Calif.*
Sclerotium cepivorum Berk.:					
Allium sativum (garlic)	Italy	1			N.Y.
Scopulariopsis brevicaulis (Sacc.) Bain. var. *glabra* Thom:					
Agave sp.	Mexico			1	Ariz.
Scutellonema brachyurum (Steiner) Andrassay:					
Soil with begonia	do			1	Tex.
Soil with coleus plant	do			1	Ariz.
Soil with unknown plants	†Greece			1	Mass.
Scutellonema bradys (Steiner & LeHew) Andrassy:					
Dioscorea sp. (yam)	Africa (country(?))	1			N.Y.
‡*Scutellonema christiei* (Golden & Taylor) Andrassy:					
Soil with caladium plants	Trinidad			1	Va.
Soil with palm	do			3	Va.
Soil with unknown plant	do			1	Va.
Septonema intercalare Cash & Watson:					
Brassavola nodosa (orchid)	Mexico			1	Tex.
Oncidium hastatum (orchid)	do			1	Tex.
Orchid	do			1	Ariz.
Septoria avenae Frank:					
Avena sp.	Belgium	1			Calif.*
Septoria azaleae Vogl.:					
Rhododendron vuykianum	Netherlands			1	N.J.
Rhododendron sp.	do			1	N.Y.
Septoria chrysanthemi Allesch.:					
Chrysanthemum sp.	England, Japan		1	1	N.J., Wash.
Septoria citri Pass.:					
Citrus aurantium (sour orange)	Italy		1		Calif.*
Citrus limon (lemon)	Italy, Spain, unknown	1	5		Calif.,* N.Y.
Citrus sinensis (orange)	Italy, Japan, Mexico, Spain.	1	4		Calif.,* La., Tex.
Septoria citri Pass.(?):					
Citrus sinensis (orange)	Singapore		1		Hawaii.
Septoria depressa McAlp.:					
Citrus sinensis (orange)	Australia		1		Pa.
†*Septoria limonum* Pass.:					
Citrus limon (lemon)	Greece		1		Tex.
Septoria oryzae Catt.:					
Oryza sativa (rice)	Japan		4		Calif.*
†*Septoria piricola* Desm.:					
Pyrus sp.	Spain		1		Pa.
Septoria selenophomoides Cash & Watson:					
Brassia verrucosa (orchid)	Guatemala			1	Calif.*
Cattleya sp. (orchid)	Mexico			1	Calif.*
Dendrobium 'Renown' (orchid)	England			1	Wash.
Odontoglossum citrosmum (orchid)	Mexico			1	Tex.
Odontoglossum sp.	do			1	Tex.
Oncidium sp. (orchid)	do			1	Tex.
Orchid	†Union of South Africa			1	N.Y.

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		Consumption	Non-entry	Propagation	
Septoria unedonis Rob. & Desm.:					
Arbutus unedo	Greece			1	Mass.
Sphaceloma fawcettii Bitanc. & Jenkins var. *scabiosa* (McAlp. & Tryon) Jenkins:					
Citrus limon (lemon)	Australia, New Zealand		8		Hawaii, Pa.
Sphaceloma punicae Bitanc. & Jenkins:					
Punica granatum (pomegranate)	Mexico	4			Ariz., Tex.
†*Sphaceloma rosarum* (Pass.) Jenkins:					
Rosa sp	do		1		Tex.
Sphaerotilbe aurantiicola (Berk. & Br.) Petch(?):					
Scale in secton plant material	Japan			1	Hawaii.
†*Sphaerotheca pannosa* (Wallr.) Lev. var. *rosae* Woron.:					
Rosa sp	Germany	1			Mass.
Sphenospora kevorkianii Linder:					
Epidendrum sp. (orchid)	Cuba			2	Fla.
Huntleya sp. (orchid)	†Costa Rica			1	Fla.
Oncidium sp. (orchid)	†Jamaica			2	Hawaii.
Orchid	†Dominican Republic			2	Fla.
Sphenospora mera Cummins (?):					
Mormodes sp. (orchid)	Mexico			1	Tex.
Stagonospora macrospora (Dur. & Mont.) Sacc.:					
Agave victoriae-reginae	do			1	Tex.
Agave sp	do	1			Ariz.
†*Stemphylium botryosum* Wallr.:					
Schizostylis sp	England			1	D.C.
Stilbum incarnatum Wakk.:					
Eleocharis dulcis (waternut)	China	4			Calif.*
†*Tilletia contraversa* Kuehn:					
Secale cereale (rye)	Afghanistan			1	D.C.
‡Tobacco ring spot virus (?):					
Citrullus vulgaris (watermelon)	Mexico	5			Ariz.
†*Tranzschelia pruni-spinosae* (Pers.) Diet.:					
Prunus persica (peach)	Japan			1	Hawaii.
Trematosphaerella oryzae (Miyake) Padwick:					
Oryza sativa (rice)	do		2		Calif.*
Tritirachium dependens Limber:					
Zingiber officinale (ginger)	China	1			Calif.*
‡*Tylenchorhynchus acutus* M. W. Allen:					
Soil with coleus plant	Mexico			1	Ariz.
Soil with unknown plants	Cuba			1	Fla.
Tylenchorhynchus capitatus M. W. Allen:					
Soil with succulent plants	Mexico			1	Ariz.
Soil with unknown plants	do			2	Tex.
†*Tylenchorhynchus martini* Fielding:					
Soil with boraginaceous plants	do			1	Ariz.
Soil with India rubbertree plant	do			1	Tex.
‡*Tylenchulus semipenetrans* Cobb:					
Citrus sp	Italy			1	N.Y.
‡*Tylenchus davainei* Bastian:					
Soil and moss	Germany	1			Mass.
‡*Tylenchus polyhypnus* Steiner & Albin:					
Bougainvillea sp	Mexico			1	Tex.
Hibiscus sp	do			1	Tex.
Uredo anthurii (Har.) Sacc.:					
Anthurium sp	Colombia			1	Fla.
Uredo behnickiana P. Henn.:					
Epidendrum brassavolae (orchid)	Costa Rica			1	Fla.
Epidendrum fragrans	Mexico			1	Tex.
Epidendrum mariae	do			3	Tex.
Epidendrum variegatum	Brazil			1	Fla.
Huntleya sp. (orchid)	Panama			1	Fla.
Laelia anceps (orchid)	Mexico			4	Tex.
Oncidium forbesii (orchid)	Brazil			1	Calif.*
Oncidium marshallianum	do			1	Calif.*
Oncidium varicosum rogersii	do			2	Calif.,* Fla.
Oncidium sp	do			1	Calif.*
Schomburgkia undulata (orchid)	Costa Rica			1	Fla.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
Uredo epidendri P. Henn.:					
Epidendrum bilamellatum (orchid)	Canal Zone			1	Fla.
Epidendrum cinnabarinum	Brazil			1	Fla.
Epidendrum mirabile	Costa Rica			1	Fla.
Epidendrum myrianthum	do			1	Fla.
Epidendrum radicans	Brazil			1	Fla.
Epidendrum sp.	Bahamas			1	Fla.
Oncidium sp. (orchid)	Honduras			1	Fla.
Orchid	†Nicaragua			1	Calif.*
Trigonidium seemannii (orchid)	Canal Zone			1	Fla.
Uredo guacae Mayor:					
Epidendrum cinnabarinum (orchid)	Brazil			1	Fla.
Epidendrum mirabile	Costa Rica			1	Calif.*
Epidendrum polychlamys	do			1	Calif.*
Epidendrum verrucosum	Jamaica			1	Fla.
Huntleya sp.(?) (orchid)	Costa Rica			1	Fla.
Ionopsis sp.	Jamaica			1	Fla.
Stanhopea sp. (orchid)	Costa Rica			1	Tex.
Trigonidium egertonianum (orchid)	British Honduras			1	Fla.
Zygopetalum burtii (orchid)	Costa Rica			1	Fla.
Uredo nigropuncta P. Henn.:					
Epidendrum sp. (orchid)	Cuba			1	Fla.
Scaphyglottis sp. (orchid)	Canal Zone			1	Fla.
Stanhopea sp. (orchid)	Costa Rica			1	Fla.
Uredo oncidii P. Henn.:					
Oncidium bicallosum (orchid)	Guatemala			1	Fla.
Oncidium cavendishianum	Mexico			2	Tex.
Oncidium cebolleta	Costa Rica, Mexico			2	Fla., Tex.
Oncidium echinatum	Brazil			1	Fla.
Oncidium stramineum	Mexico			1	Fla.
Oncidium sp.	British Honduras, El Salvador, Guatemala, Mexico.			4	Fla., Tex.
Uredo oncidii P. Henn.(?):					
Odontoglossum bictoniense (orchid)	Mexico			1	N.J.
Uredo scabies Cke.:					
Vanilla sp. (orchid)	Panama			1	Fla.
†*Urocystis anemones* (Pers.) Schroet.:					
Trollius sp.	England			1	N.J.
Urocystis gladiolicola Ains.:					
Gladiolus nanus 'Peach Blossom' & 'Blushing Bride'.	Netherlands			1	N.J.
Uromyces alyxiae Arth.:					
Alyxia olivaeformis (maile)	Hawaii	3			Hawaii.
‡*Uromyces commelinae* Cke.:					
Geogenanthus sp.	Colombia			1	Fla.
Uromyces coronatus Yosh.(?):					
Zizania aquatica	China			1	N.J.
†*Uromyces limonii* (DC.) Lev.:					
Armeria sp. (statice)	Denmark, Germany	1		1	Pa.
Uromyces lineolatus (Desm.) Schroet.:					
Scirpus maritimus	†Portugal	1			Pa.
Scirpus validus (softstem bulrush)	Bermuda	1			N.Y.
†*Uromyces phaseoli* (Reb.) Wint.:					
Phaseolus vulgaris var. (string bean)	Spain		1		Pa.
Ustilago bullata Berk.:					
Bromus macrostachys	Turkey			1	D.C.
Ustilago nuda (Jens.) Rostr.:					
Hordeum vulgare (barley)	Ethiopia	1			D.C.
Valsella pedicellata Cash & Watson:					
Laelia anceps (orchid)	Mexico			1	Tex.
†*Venturia rhododendri* Tengwall(?):					
Rhododendron sp.	Netherlands			1	N.J.
Volutella albo-pila Boud.:					
Orchid	Central America (country(?)).	1			Tex.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
Xanthomonas citri (Hasse) Dowson:					
Citrus aurantifolia (lime)	India	1			Va.
Citrus aurantifolia (sour lime)	China, India, Japan	1	3		Calif.,* N.Y.
Citrus aurantium (sour orange)	Japan		22		Calif.,* Md., Mass., Pa.
Citrus grandis (pummelo)	Federation of Malaya, India, Japan.		3		Calif.,* Mass., Pa.
Citrus limon (lemon)	Japan		5		Calif.*
Citrus paradisi (grapefruit)	do		4		Calif.,* Tex.
Citrus paradisi (?)	†Pakistan	1			N.Y.
Citrus reticulata (Mandarin orange)	China, Hong Kong, Japan	4	5		Calif.,* Hawaii, Mass., Pa.
Citrus sinensis (orange)	Hong Kong, Japan, Singapore.	1	25		Ala., Calif.,* Hawaii, Md., Wash.
Citrus sp.	Hong Kong	1			Mass.
Xanthomonas citri (Hasse) Dowson(?):					
Citrus limon (lemon)	Japan		1		Hawaii.
Citrus paradisi (grapefruit)	do		1		Hawaii.
Citrus sinensis	do		1		Hawaii.
Xanthomonas sp. (Cancrosis B):					
Citrus limon (lemon)	Argentina		3		Calif.,* Md., Mass.
Citrus paradisi (grapefruit)	do		1		Mass.
†*Xiphinema diversicaudatum* (Micoletzky) Thorne: Soil with olive trees	Italy			1	D.C.
"Yellow spot" virus: *Camellia* sp.	Netherlands			1	N.Y.

An asterisk (*) indicates State inspection.
A dagger (†) indicates a first interception from the country named.
A double dagger (‡) indicates first record of its interception by Division inspectors.

Host and Diseases

ACIDANTHERA:
†*Papulaspora dodgei* (Deuteromycetes)

AGAPANTHUS:
Meloidogyne incognita acrita (Nematoda)

AGAVE:
‡*Allantonectria miltina* (Ascomycetes)
‡*Coniothecium agaves* (Deuteromycetes)
‡*Parodiella congregata* (Ascomycetes)
Scopulariopsis brevicaulis var. *glabra* (Deuteromycetes)
Stagonospora macrospora (Deuteromycetes)

ALLIUM CEPA SOLANIUM:
Mycosphaerella schoenoprasi (Ascomycetes)

ALLIUM FISTULOSUM:
Mycosphaerella schoenoprasi (Ascomycetes)

ALLIUM PORRUM:
†*Colletotrichum dematium f. circinans* (Deuteromycetes)
Mycosphaerella schoenoprasi (Ascomycetes)
Papulaspora parasitica (Deuteromycetes)

ALLIUM SATIVUM:
Ditylenchus dipsaci (Nematoda)
Sclerotium cepivorum (Deuteromycetes)

ALLIUM SCHOENOPRASUM:
Mycosphaerella schoenoprasi (Ascomycetes)

ALNUS(?):
†*Plowrightia virgultorum* (Ascomycetes)

ALOE:
Meloidogyne incognita acrita (Nematoda)
†*Meloidogyne javanica* (Nematoda)

ALYXIA:
Uromyces alyxiae (Promycetes)

ANGRAECUM:
†*Pestalotia conspicua* (Deuteromycetes)

ANTHURIUM:
Phyllachora engleri (Ascomycetes)
Uredo anthurii (Promycetes)

APIUM:
Meloidogyne hapla (Nematoda)
†*Meloidogyne incognita* (Nematoda)
†*Meloidogyne incognita acrita* (Nematoda)

ARAUCARIA:
Botryosphaeria berengeriana var. *araucariae* (Ascomycetes)
Cryptospora longispora (Ascomycetes)
†*Macrophoma araucariae* (Deuteromycetes)
†*Pestalotia micheneri* (Deuteromycetes)
Phoma araucariae (Deuteromycetes)

ARBUTUS:
Septoria unedonis (Deuteromycetes)

ARECA:
†*Curvularia geniculata* (Deuteromycetes)

ARMERIA:
†*Cercospora insulana* (Deuteromycetes)
†*Uromyces limonii* (Promycetes)

ARTOCARPUS:
Meloidogyne incognita acrita (Nematoda)

ARUNDINARIA:
†*Colletotrichum graminicola* (Deuteromycetes)

ASTILBE:
‡*Chalaropsis thielaviopsis* (Deuteromycetes)
Pratylenchus pratensis(?) (Nematoda)

ASTROPHYTUM:
Mycosphaerella opuntiae (Ascomycetes)

AUCUBA:
Phyllosticta aucubicola (Deuteromycetes)

AVENA:
Septoria avenae (Deuteromycetes)

BAMBOO:
Papularia sphaerosperma (Deuteromycetes)
Puccinia phyllostachydis (Promycetes)

BEGONIA:
†*Meloidogyne arenaria* (Nematoda)
Meloidogyne javanica (Nematoda)

BENINCASA:
Phytophthora capsici (Phycomycetes)

BERBERIS:
Meloidogyne arenaria (Nematoda)

BERGENIA:
Discohainesia oenotherae (Ascomycetes)

BETA:
Meloidogyne incognita (Nematoda)

BLETILLA:
†*Aphelenchoides fragariae*(?) (Nematoda)

BOUGAINVILLEA:
†*Psilenchus hilarulus* (Nematoda)
‡*Tylenchus polyhypnus* (Nematoda)

BOUTELOUA:
Puccinia chloridis (Promycetes)

BRACHYPODIUM:
Colletotrichum graminicola (Deuteromycetes)

BRASSAVOLA:
Septonema intercalare (Deuteromycetes)

BRASSIA:
Septoria selenophomoides (Deuteromycetes)

BRASSICA OLERACEA CAPITATA:
Phoma lingam (Deuteromycetes)

BRASSICA RAPA:
Meloidogyne incognita (Nematoda)

BROMUS:
Ustilago bullata (Promycetes)

BUXUS:
Puccinia buxi (Promycetes)

CACTUS:
‡*Coniothyrium globulisporum* (Deuteromycetes)
Meloidogyne arenaria (Nematoda)
Meloidogyne javanica (Nematoda)
Mycosphaerella opuntiae (Ascomycetes)

CALADIUM:
Meloidogyne arenaria (Nematoda)

CALATHEA:
Meloidogyne arenaria (Nematoda)

CALLISTEPHUS:
‡*Coleosporium asterum* (Promycetes)

CAMELLIA:
"Yellow spot" virus

CANNA:
Meloidogyne incognita acrita (Nematoda)
‡*Puccinia thaliae* (Promycetes)

CAPSICUM:
Colletotrichum dematium (Deuteromycetes)
Curvularia lunata (Deuteromycetes)

CARICA:
Asperisporium caricae (Deuteromycetes)

See footnotes at end of this list.

Host and Diseases—Continued

CASSIA:
‡*Ravenelia mesillana* (Promycetes)

CATTLEYA:
Cladosporium orchidearum (Deuteromycetes)
Septoria selenophomoides (Deuteromycetes)

CHAMAEDOREA:
‡*Botryosphaeria palmigena* (Ascomycetes)

CHRYSANTHEMUM:
‡*Phyllosticta chrysanthemi* (Deuteromycetes)
Puccinia chrysanthemi (Promycetes)
Puccinia horiana (Promycetes)
Septoria chrysanthemi (Deuteromycetes)

CICHORIUM:
Meloidogyne incognita acrita (Nematoda)
†*Meloidogyne javanica* (Nematoda)

CITRULLUS:
Ring spot virus
‡Tobacco ring spot virus(?)

CITRUS AURANTIFOLIA:
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)

CITRUS AURANTIUM:
†*Phoma citricarpa* (Deuteromycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)

CITRUS GRANDIS:
Xanthomonas citri (Schizomycetes)

CITRUS LIMON:
Alternaria citri (Deuteromycetes)
Coniothecium scabrum (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
†*Septoria limonum* (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancrosis B) (Schizomycetes)

CITRUS PARADISI:
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
†*Xanthomonas citri* (Schizomycetes)
Xanthomonas sp. (Cancrosis B) (Schizomycetes)

CITRUS RETICULATA:
Elsinoe australis (Ascomycetes)
"Greasy spot"
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)

CITRUS RETICULATA UNSHIU:
Phoma citricarpa (Deuteromycetes)

CITRUS SINENSIS:
Elsinoe australis (Ascomycetes)
"Greasy spot"
"Leprosis"
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Septoria depressa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)

CITRUS SP.:
Phoma citricarpa (Deuteromycetes)
‡*Tylenchulus semipenetrans* (Nematoda)
Xanthomonas citri (Schizomycetes)

COCOS:
‡*Diaporthe arctii* (Ascomycetes)
†*Diplodia coccocarpa* (Deuteromycetes)
†*Macrophoma cocos* (Deuteromycetes)
Ophiobolus versisporus (Ascomycetes)

COFFEA:
†*Cercospora coffeicola* (Deuteromycetes)
†*Mycosphaerella coffeicola* (Ascomycetes)

COLOCASIA:
Meloidogyne arenaria (Nematoda)
Meloidogyne javanica (Nematoda)

CONVALLARIA:
†*Pratylenchus penetrans* (Nematoda)

CORNUS:
‡*Myxosporium everhartii* (Deuteromycetes)

COTINUS:
‡*Cylindrocarpon radicicola* (Deuteromycetes)

CRATAEGUS:
‡*Colletotrichum crassipes* (Deuteromycetes)

CUCURBITA:
Phytophthora capsici (Phycomycetes)
Pythium aphanidermatum (Phycomycetes)

CYMBIDIUM:
Pestalotia conspicua (Deuteromycetes)
†*Physalospora wildemanniana* (Ascomycetes)

CYNODON:
Puccinia cynodontis (Promycetes)

CYPRIPEDIUM:
Phyllostictina pyriformis (Deuteromycetes)

DAHLIA:
Meloidogyne arenaria (Nematoda)
Meloidogyne hapla (Nematoda)
Meloidogyne javanica (Nematoda)

DAUCUS:
Meloidogyne incognita (Nematoda)
†*Meloidogyne javanica* (Nematoda)

DELONIX:
Botryosphaeria ribis (Ascomycetes)

DENDROBIUM:
Pestalotia conspicua (Deuteromycetes)
Septoria selenophomoides (Deuteromycetes)

DIANTHUS:
Alternaria dianthi (Deuteromycetes)
†*Puccinia arenariae* (Promycetes)

DIOSCOREA:
Scutellonema bradys (Nematoda)

EARINA:
†*Physalospora camptospora* (Ascomycetes)

ECHEVERIA:
Meloidogyne incognita acrita (Nematoda)

ELEOCHARIS:
Stilbum incarnatum (Deuteromycetes)

EPIDENDRUM:
†*Asterinella epidendri* (Ascomycetes)
Cercospora angraeci (Deuteromycetes)
Mycosphaerella cattleyae (Ascomycetes)
Sphenospora kevorkianii (Promycetes)
Uredo behnickiana (Promycetes)
Uredo epidendri (Promycetes)
Uredo guatae (Promycetes)
Uredo nigropuncta (Promycetes)

EPIMEDIUM:
†*Meloidogyne incognita acrita* (Nematoda)

EUPHORBIA:
Meloidogyne javanica (Nematoda)

FAGUS:
Fusicoccum galericulatum (Deuteromycetes)
Hendersonia piriformis (Deuteromycetes)

See footnotes at end of this list.

Host and Diseases—Continued

FICUS:
†*Cerotelium fici* (Promycetes)

FRAGARIA:
Mycosphaerella fragariae (Ascomycetes)

FREESIA:
Fusarium oxysporum f. *gladioli* (Deuteromycetes)
Meloidogyne arenaria (Nematoda)
Meloidogyne javanica (Nematoda)

GARDENIA:
Omphalia flavida (Basidiomycetes)

GEOGENANTHUS:
‡*Uromyces commelinae* (Promycetes)

GERANIUM:
Meloidogne hapla (Nematoda)

GERBERA:
Meloidogyne javanica (Nematoda)

GLADIOLUS:
†*Botrytis gladiolorum* (Deuteromycetes)
Fusarium oxysporum f. *gladioli* (Deuteromycetes)
Meloidogyne arenaria (Nematoda)
Meloidogyne incognita acrita (Nematoda)
Papulaspora coprophila (Deuteromycetes)
Urocystis gladiolicola (Promycetes)

GOSSYPIUM:
Cercopora gossypina (Deuteromycetes)

HEDERA:
Colletotrichum dematium (Deuteromycetes)

HELLEBORUS:
Coniothyrium hellebori (Deuteromycetes)
Pratylenchus penetrans (Nematoda)

HIBISCUS:
†*Psilenchus hilarulus* (Nematoda)
‡*Tylenchus polyhypnus* (Nematoda)

HORDEUM:
Puccinia striiformis (Promycetes)
Ustilago nuda (Promycetes)

HUNTLEYA:
†*Sphenospora kevorkianii* (Promycetes)
Uredo behnickiana (Promycetes)
Uredo guacae (Promycetes)

ILEX:
†*Diaporthe eres* (Ascomycetes)

IONOPSIS:
Uredo guacae (Promycetes)

IPOMOEA:
Coleosporium ipomoeae (Promycetes)
Meloidogyne incognita (Nematoda)

IRIS:
Ditylenchus dipsaci (Nematoda)
Heterosporium iridis (Deuteromycetes)
Meloidogyne arenaria (Nematoda)
Meloidogyne incognita acrita (Nematoda)
†*Mystrosporium adustum* (Deuteromycetes)

JACQUINIELLA:
Phyllostictina pyriformis (Deuteromycetes)

JASMINUM:
Meloidogyne incognita acrita (Nematoda)

JUNIPERUS:
Criconemoides xenoplax (Nematoda)
Gymnosporangium haraeanum (Promycetes)

KLEINIA:
Meloidogyne incognita (Nematoda)

LABURNUM:
Coniothyrium cytisellum (Deuteromycetes)

LACTUCA:
Meloidogyne incognita (Nematoda)
†*Meloidogyne incognita acrita* (Nematoda)

LAELIA:
Uredo behnickiana (Promycetes)
Valsella pedicellata (Ascomycetes)

LAVOISIERA:
Papularia sphaerosperma (Deuteromycetes)

LEUCOTHOE:
Diplodina leucothoes (Deuteromycetes)

LILIUM:
Meloidogyne incognita acrita (Nematoda)

LYCOPERSICON:
Corynespora cassiicola (Deuteromycetes)
†*Geotrichum candidum* (Deuteromycetes)
Myrothecium roridum (Deuteromycetes)

MAHONIA:
†*Cumminsiella mirabilissima* (Promycetes)
‡*Pyrenochaeta berberidis* (Deuteromycetes)

MALPHIGIA:
†*Meloidogyne javanica* (Nematoda)

MALUS:
Monilinia fructigena (Ascomycetes)

MANGIFERA:
†*Elsinoe mangiferae* (Ascomycetes)
†*Phyllosticta mortoni* (Deuteromycetes)

MARANTA:
Meloidogyne arenaria (Nematoda)

MILTONIA:
Lembosia rolfsii (Ascomycetes)

MONDO:
Meloidogyne incognita acrita (Nematoda)

MONSTERA:
Meloidogyne incognita acrita (Nematoda)

MORMODES:
Sphenospora mera(?) (Promycetes)

MUSA:
Cercospora musae (Deuteromycetes)
Colletotrichum musae (Deuteromycetes)
Macrophoma musae (Deuteromycetes)
†*Memnoniella echinata* (Deuteromycetes)

NARCISSUS:
Ceratocystis narcissii (Ascomycetes)
Ditylenchus dipsaci (Nematoda)

NERIUM:
Cercospora neriella (Deuteromycetes)
Pseudomonas tonelliana (Schizomycetes)

ODONTOGLOSSUM:
Cercospora angraeci (Deuteromycetes)
Septoria selenophomoides (Deuteromycetes)
Uredo oncidii(?) (Promycetes)

ONCIDIODA:
†*Cercospora odontoglossi* (Deuteromycetes)

ONCIDIUM:
†*Cercospora angraeci* (Deuteromycetes)
Micropeltis bakeri (Ascomycetes)
Pestalotia conspicua (Deuteromycetes)
Septonema intercalare (Deuteromycetes)
Septoria selenophomoides (Deuteromycetes)
†*Sphenospora kevorkianii* (Promycetes)

See footnotes at end of this list.

Host and Diseases—Continued

ONCIDIUM—Continued
Uredo behnickiana (Promycetes)
Uredo epidendri (Promycetes)
Uredo oncidii (Promycetes)

ORCHID:
Cercospora angraeci (Deuteromycetes)
Micropeltis bakeri (Ascomycetes)
Periconia pycnospora (Deuteromycetes)
Pestalotia conspicua (Deuteromycetes)
Phyllostictina pyriformis (Deuteromycetes)
Septonema intercalare (Deuteromycetes)
†*Septoria selenophomoides* (Deuteromycetes)
†*Sphenospora kevorkianii* (Promycetes)
†*Uredo epidendri* (Promycetes)
Volutella albo-pila (Deuteromycetes)

OREOCHARIS:
Meloidogyne hapla (Nematoda)

ORNITHOGALUM:
Didymellina ornithogali (Ascomycetes)
Heterosporium ornithogali (Deuteromycetes)
Puccinia ornithogali-thyrsoides (Promycetes)

ORYZA:
‡*Aspergillus mangini* (Deuteromycetes)
Chlamydomyces palmarum (Deuteromycetes)
Entyloma oryzae (Promycetes)
†*Hendersonia oryzae* (Deuteromycetes)
‡*Leptosphaeria michotii* (Ascomycetes)
Leptosphaeria oryzina (Ascomycetes)
Neovossia horrida (Promycetes)
Nigrospora sphaerica (Deuteromycetes)
Ophiobolus oryzinus (Ascomycetes)
Phyllachora graminis (Ascomycetes)
Septoria oryzae (Deuteromycetes)
Trematosphaerella oryzae (Ascomycetes)

PACHYCEREUS:
Hendersonia opuntiae (Deuteromycetes)

PAEONIA:
Discohainesia oenotherae (Ascomycetes)
Meloidogyne hapla (Nematoda)
Sclerotiopsis testudinea (Deuteromycetes)

PALM:
‡*Coniothyrium socium*(?) (Deuteromycetes)
Memnoniella echinata (Deuteromycetes)
‡*Mycosphaerella serrulatae* (Ascomycetes)
‡*Phyllosticta palmicola* (Deuteromycetes)

PARKINSONIA:
‡*Diaporthe oncostoma* (Ascomycetes)

PASPALUM:
Cerebella andropogonis (Deuteromycetes)

PASTINACA:
Meloidogyne hapla (Nematoda)

PERSEA:
Cercospora purpurea (Deuteromycetes)

PHASEOLUS:
Cercospora canescens (Deuteromycetes)
‡*Cercospora columnaris* (Deuteromycetes)
Elsinoe phaseoli (Ascomycetes)
Meloidogyne javanica (Nematoda)
Pythium aphanidermatum (Phycomycetes)
†*Pythium ultimum* (Phycomycetes)
†*Uromyces phaseoli* (Promycetes)

PICEA:
Chrysomyxa ledicola (Promycetes)

PINUS:
Pestalotia funerea (Deuteromycetes)

PISUM:
†*Ascochyta pisi* (Deuteromycetes)

POLIANTHES:
Meloidogyne incognita (Nematoda)
†*Meloidogyne javanica* (Nematoda)

POPULUS
†*Cytospora chrysosperma* (Deuteromycetes)

PRUNUS PERSICA:
†*Tranzschelia pruni-spinosae* (Promycetes)

PRUNUS TENELLA:
†*Coryneum carpophilum* (Deuteromycetes)

PSIDIUM:
Pestalotia psidii (Deuteromycetes)
Phoma psidii (Deuteromycetes)

PUNICA:
‡*Dendrophoma cytosporoides* var. *punicina* (Deuteromycetes)
Sphaceloma punicae (Deuteromycetes)

PYRUS:
Neofabraea malicorticis (Ascomycetes)
†*Septoria piricola* (Deuteromycetes)

QUERCUS:
‡*Phomopsis quercella* (Deuteromycetes)

RHAPIS:
Meloidogyne incognita acrita (Nematoda)

RHEUM:
Colletotrichum dematium (Deuteromycetes)

RHODODENDRON:
Cercospora handelii (Deuteromycetes)
†*Chrysomyxa ledi* var. *rhododendri* (Promycetes)
Diplodina eurhododendri (Deuteromycetes)
Discohainesia oenotherae (Ascomycetes)
Exobasidium vaccinii (Basidiomycetes)
Mycosphaerella clintoniana (Ascomycetes)
Pestalotia macrotricha (Deuteromycetes)
Pestalotia rhododendri (Deuteromycetes)
Septoria azaleae (Deuteromycetes)
†*Venturia rhododendri*(?) (Ascomycetes)

ROSA:
‡*Cercospora puderi* (Deuteromycetes)
‡*Griphosphaeria corticola* (Ascomycetes)
Meloidogyne hapla (Nematoda)
Monochaetia compta (Deuteromycetes)
Mycosphaerella rosigena (Ascomycetes)
†*Sphaceloma rosarum* (Deuteromycetes)
†*Sphaerotheca pannosa* var. *rosae* (Ascomycetes)

ROSCOEA:
Meloidogyne javanica (Nematoda)

RUBUS:
‡*Microthyriella rubi* (Ascomycetes)
†*Mycosphaerella rubi* (Ascomycetes)

RUSCUS:
Leptosphaeria rusci (Ascomycetes)

SACCHARUM:
‡*Scirrhia lophodermioides* (Ascomycetes)

SALIX:
‡*Melampsora paradoxa*(?) (Promycetes)

SANSEVIERIA:
Meloidogyne incognita acrita (Nematoda)

SCAPHYGLOTTIS:
Uredo nigropuncta (Promycetes)

SCHIZOSTYLIS:
†*Stemphylium botryosum* (Deuteromycetes)

SCHOMBURGKIA:
Uredo behnickiana (Promycetes)

See footnotes at end of this list.

Host and Diseases—Continued

SCIRPUS:
Puccinia angustata (Promycetes)
†*Uromyces lineolatus* (Promycetes)

SECALE:
†*Tilletia contraversa* (Promycetes)

SECHIUM:
‡*Ascochyta cucumis*(?) (Deuteromycetes)

SOBRALIA:
†*Cercospora cypripedii* (Deuteromycetes)

SOIL:
‡*Gottholdsteineria goodeyi* (Nematoda)
†*Helicotylenchus erythrinae* (Nematoda)
†*Helicotylenchus multicinctus* (Nematoda)
Helicotylenchus nannus (Nematoda)
†*Heterodera avenae* (Nematoda)
†*Heterodera cacti* (Nematoda)
†*Heterodera humuli* (Nematoda)
Heterodera punctata (Nematoda)
†*Heterodera rostochiensis* (Nematoda)
Meloidogyne hapla (Nematoda)
Meloidogyne incognita (Nematoda)
Meloidogyne incognita acrita (Nematoda)
†*Psilenchus hilarulus* (Nematoda)
†*Scutellonema brachyurum* (Nematoda)
‡*Scutellonema christiei* (Nematoda)
‡*Tylenchorhynchus acutus* (Nematoda)
Tylenchorhynchus capitatus (Nematoda)
†*Tylenchorhynchus martini* (Nematoda)
‡*Tylenchus davainei* (Nematoda)
†*Xiphinema diversicaudatum* (Nematoda)

SOLANUM:
Meloidogyne arenaria (Nematoda)
Meloidogyne incognita (Nematoda)
†*Meloidogyne incognita acrita* (Nematoda)
Meloidogyne javanica (Nematoda)
Memnoniella echinata (Deuteromycetes)
Oospora pustulans (Deuteromycetes)

SORGHUM:
Phoma insidiosa (Deuteromycetes)

STACHYTARPHETA:
Puccinia urbaniana (Promycetes)

STANHOPEA:
†*Coniothyrium stanhopeae* (Deuteromycetes)
Guignardia traversi (Ascomycetes)
Phyllostictina pyriformis (Deuteromycetes)
Uredo guacae (Promycetes)
Uredo nigropuncta (Promycetes)

TABEBUIA:
Meloidogyne javanica (Nematoda)

TERMINALIA:
†*Pestalotia disseminata* (Deuteromycetes)

THOMSONIA:
Meloidogyne javanica (Nematoda)

TRIGONIDIUM:
Uredo epidendri (Promycetes)
Uredo guacae (Promycetes)

TRITICUM:
Colletotrichum graminicola (Deuteromycetes)
†*Leptosphaeria eustomoides* (Ascomycetes)
Phyllachora graminis (Ascomycetes)

TROLLIUS:
†*Urocystis anemones* (Promycetes)

VACCINIUM:
‡*Mycosphaerella vaccinii* (Ascomycetes)

VANILLA:
Uredo scabies (Promycetes)

VIBURNUM:
‡*Pseudomonas viburni* (Schizomycetes)

VIOLA:
Meloidogyne javanica (Nematoda)

VITIS:
†*Coniothyrium diplodiella* (Deuteromycetes)
†*Physalospora obtusa* (Ascomycetes)

WEIGELA:
Meloidogyne hapla (Nematoda)

YUCCA:
Diplodia circinans (Deuteromycetes)

ZANTEDESCHIA:
Meloidogyne arenaria (Nematoda)
Meloidogyne incognita acrita (Nematoda)
Meloidogyne javanica (Nematoda)

ZINGIBER:
Meloidogyne arenaria (Nematoda)
Memnoniella echinata (Deuteromycetes)
Tritirachium dependens (Deuteromycetes)

ZIZANIA:
Uromyces coronatus (?) (Promycetes)

ZYGOPETALUM:
Uredo guacae (Promycetes)

Hosts Unknown

PLANT:
Meloidogyne incognita acrita (Nematoda)

SCALE INSECT:
Pseudomicrocera henningsii (Deuteromycetes)
Sphaerostilbe aurantiicola(?) (Ascomycetes)

STRAW—CEREAL:
Colletotrichum graminicola (Deuteromycetes)
Puccinia striiformis (Promycetes)

A dagger (†) indicates a first interception from the country named.
A double dagger (‡) indicates first record of its interception by Division inspectors.

Countries of Origin and Diseases

AFGHANISTAN:
†*Tilletia contraversa*

AFRICA:
Phoma citricarpa
Scutellonema bradys

AMERICAN SAMOA:
†*Macrophoma cocos*

ARGENTINA:
Elsinoe australis
Heterodera cacti
Heterodera rostochiensis
Meloidogyne arenaria
Meloidogyne incognita
Xanthomonas sp. (Cancrosis B)

AUSTRALIA:
Cerebella andropogonis
Cryptospora longispora
Macrophoma araucariae
Meloidogyne hapla
Meloidogyne javanica
Phoma araucariae
Phoma citricarpa
Septoria depressa
Sphaceloma fawcettii var. *scabiosa*

AUSTRIA:
Chrysomyxa ledi var. *rhododendri*

AZORES:
Puccinia striiformis

BAHAMAS:
Ophiobolus versisporus
Uredo epidendri

BELGIUM:
Exobasidium vaccinii
Heterodera punctata
†*Leptosphaeria eustomoides*
Memnoniella echinata
Phyllosticta arcubicola
Septoria avenae

BERMUDA:
Cercospora neriella
Macrophoma araucariae
Meloidogyne incognita
Uromyces lineolatus

BRAZIL:
Asperisporium caricae
Cercospora coffeicola
Colletotrichum musae
Elsinoe australis
Meloidogyne incognita acrita
Meloidogyne javanica
Papularia sphaerosperma
Phoma citricarpa
Uredo behnickiana
Uredo epidendri
Uredo guacae
Uredo oncidii

BRITISH GUIANA:
Pseudomicrocera henningsii

BRITISH HONDURAS:
Pestalotia conspicua
Uredo guacae
Uredo oncidii

BRITISH ISLES:
Heterodera rostochiensis

CANADA:
†*Chrysomyxa ledi* var. *rhododendri*
Chrysomyxa ledicola
Colletotrichum dematium
†*Coryneum carpophilum*
†*Cytospora chrysosperma*
Meloidogyne hapla
‡*Phomopsis quercella*

CANAL ZONE:
†*Coniothyrium stanhopeae*
†*Diplodia coccocarpa*
Meloidogyne arenaria
Meloidogyne incognita
Phyllostictina pyriformis
Uredo epidendri
Uredo nigropuncta

CENTRAL AMERICA:
Volutella albo-pila

CHINA:
Memnoniella echinata
Phoma citricarpa
Stilbum incarnatum
Tritirachium dependens
Uromyces coronatus(?)
Xanthomonas citri

CHRISTMAS ISLAND:
‡*Diaporthe arctii*

COLOMBIA:
†*Meloidogyne incognita acrita*
Uredo anthurii
‡*Uromyces commelinae*

COSTA RICA:
Lembosia rolfsii
Macrophoma musae
Mycosphaerella rosigena
Phyllachora engleri
†*Sphenospora kevorkianii*
Uredo behnickiana
Uredo epidendri
Uredo guacae
Uredo nigropuncta
Uredo oncidii

CUBA:
‡*Coleosporium asterum*
Elsinoe mangiferae
†*Helicotylenchus multicinctus*
Meloidogyne incognita acrita
Meloidogyne javanica
†*Pestalotia disseminata*
Sphenospora kevorkianii
‡*Tylenchorhynchus acutus*
Uredo nigropuncta

CZECHOSLOVAKIA:
†*Heterodera avenae*

DENMARK:
†*Coniothyrium diplodiella*
Heterodera rostochiensis
†*Uromyces limonii*

DOMINICAN REPUBLIC:
†*Phyllosticta mortoni*
†*Sphenospora kevorkianii*

ECUADOR:
†*Cercospora angraeci*
†*Cerotelium fici*

EGYPT:
Meloidogyne javanica

EL SALVADOR:
†*Cercospora coffeicola*
‡*Colletotrichum crassipes*
Uredo oncidii

ENGLAND:
Alternaria dianthi
Ceratocystis narcissii
Colletotrichum dematium

See footnotes at the end of this list.

Countries of Origin and Diseases—Continued

ENGLAND—Continued
†*Diaporthe eres*
Ditylenchus dipsaci
Fusarium oxysporum f. *gladioli*
Heterodera avenae
Heterodera cacti
Heterodera humuli
Heterodera punctata
Heterodera rostochiensis
Meloidogyne hapla
†*Meloidogyne incognita acrita*
Memnoniella echinata
Monilinia fructigena
Mycosphaerella clintoniana
Pestalotia funerea
Puccinia arenariae
‡*Pyrenochaeta berberidis*
Septoria chrysanthemi
Septoria selenophomoides
†*Stemphylium botryosum*
†*Urocystis anemones*

ENGLAND(?):
†*Cumminsiella mirabilissima*

ETHIOPIA:
Ustilago nuda

EUROPE:
Heterodera avenae
Heterodera punctata

FEDERATION OF MALAYA:
Phoma citricarpa
Xanthomonas citri

FIJI ISLANDS:
†*Meloidogyne javanica*

FORMOSA:
Phoma citricarpa

FRANCE:
Heterodera punctata
Meloidogyne javanica
‡*Microthyriella rubi*
Monilinia fructigena
†*Mycosphaerella rubi*

FRENCH WEST AFRICA:
Meloidogyne incognita
Meloidogyne incognita acrita
†*Meloidogyne javanica*
†*Memnoniella echinata*

GERMANY:
Ceratocystis narcissii
Chrysomyxa ledi var. *rhododendri*
Coniothyrium hellebori
‡*Griphosphaeria corticola*
Heterodera avenae
†*Heterodera humuli*
Heterodera punctata
Heterodera rostochiensis
Meloidogyne hapla
Mycosphaerella fragariae
†*Sphaerotheca pannosa* var. *rosae*
‡*Tylenchus davainei*
†*Uromyces limonii*

GREECE:
†*Physalospora obtusa*
†*Scutellonema brachyurum*
†*Septoria limonum*
Septoria unedonis

GUAM:
†*Macrophoma cocos*

GUATEMALA:
†*Cercospora cypripedii*
†*Elsinoe mangiferae*
Meloidogyne arenaria
Septoria selenophomoides
Uredo oncidii

HAWAII:
Diplodia coccocarpa
Macrophoma cocos
Macrophoma musae
Meloidogyne javanica
†*Pestalotia micheneri*
Uromyces alyxiae

HONDURAS:
†*Elsinoe mangiferae*
Memnoniella echinata
Uredo epidendri

HONG KONG:
Papularia sphaerosperma
Phoma citricarpa
Xanthomonas citri

INDIA:
†*Hendersonia oryzae*
†*Meloidogyne incognita acrita*
Meloidogyne javanica
Phoma insidiosa
Phyllachora graminis
Phyllostictina pyriformis
Puccinia striiformis
Xanthomonas citri

IRELAND:
‡*Gottholdsteineria goodeyi*
†*Helicotylenchus erythrinae*
Heterodera punctata
Heterodera rostochiensis

ISRAEL:
Heterodera avenae
Meloidogyne incognita(?)
†*Meloidogyne javanica*

ITALY:
Alternaria citri
Ascochyta pisi
Botryosphaeria berengeriana var. *araucariae*
Colletotrichum graminicola
Coniothyrium hellebori
Coniothecium scabrum
Heterodera avenae
Leptosphaeria rusci
Meloidogyne incognita
Meloidogyne javanica
Puccinia buxi
Sclerotium cepivorum
Septoria citri
‡*Tylenchulus semipenetrans*
†*Xiphinema diversicaudatum*

JAMAICA:
Meloidogyne javanica
†*Sphenospora kevorkianii*
Uredo guacae

JAPAN:
†*Aphelenchoides fragariae*(?)
Ascochyta pisi
Botrytis gladiolorum
Chlamydomyces palmarum
†*Colletotrichum dematium* f. *circinans*
Criconemoides xenoplax
Dimcohainesia oenotherae
Gymnosporangium haraeanum
Entyloma oryzae
Heterodera cacti
†*Leptosphaeria eustomoides*
‡*Leptosphaeria michotii*
Leptosphaeria oryzina
†*Macrophoma cocos*
Meloidogyne arenaria
Meloidogyne hapla
Meloidogyne incognita acrita
Mycosphaerella schoenoprasi

See footnotes at end of this list.

Countries of Origin and Diseases—Continued

JAPAN—Continued

†*Mystrosporium adustum*
Neovossia horrida
Nigrospora sphaerica
Ophiobolus oryzinus
Papulaspora coprophila
Papulaspora parasitica
†*Pestalotia conspicua*
Phoma citricarpa
Phyllachora graminis
†*Physalospora wildemanniana*
†*Pratylenchus penetrans*
Puccinia chrysanthemi
Puccinia horiana
Puccinia phyllostachydis
Sclerotiopsis testudinea
Septoria chrysanthemi
Septoria citri
Septoria oryzae
†*Sphaerostilbe aurantiicola*(?)
†*Tranzschelia pruni-spinosae*
Trematosphaerella oryzae
Xanthomonas citri

KENYA:

†*Meloidogyne javanica*

MALTA:

†*Heterodera rostochiensis*

MEXICO:

‡*Allantonectria miltina*
‡*Ascochyta cucumis*(?)
Asperisporium caricae
‡*Asterinella epidendri*
‡*Botryosphaeria palmigena*
Botrytis gladiolorum
Cercospora angraeci
Cercospora gossypina
Cercospora inulana
†*Cercospora odontoglossi*
‡*Cercospora puderi*
Cercospora purpurea
Cladosporium orchidearum
Colcosporium ipomoeae
Colletotrichum dematium
‡*Coniothecium agaves*
‡*Coniothyrium globulisporum*
‡*Coniothyrium socium*(?)
Corynespora cassiicola
Curvularia lunata
Diplodia circinans
Diplodia coccocarpa
Dilylenchus dipsaci
Fusarium oxysporum f. gladioli
†*Geotrichum candidum*
"Greasy spot"
Guignardia traversi
†*Helicotylenchus erythrinae*
Helicotylenchus nannus
Hendersonia opuntiae
Heterodera cacti
Heterodera punctata
Heterodera rostochiensis
"Leprosis"
Macrophoma cocos
‡*Melampsora paradoxa*(?)
Meloidogyne arenaria
Meloidogyne hapla
Meloidogyne incognita
Meloidogyne incognita acrita
Meloidogyne javanica
Micropeltis bakeri
Mycosphaerella cattleyae
Mycosphaerella opuntiae
‡*Mycosphaerella serrulatae*
Myrothecium roridum
Neofabraea malicorticis
Omphalia flavida
Papularia sphaerosperma
‡*Parodiella congregata*
Periconia pycnospora
Pestalotia conspicua
Pestalotia psidii
Phoma psidii
†*Phyllosticta chrysanthemi*
‡*Phyllosticta palmicola*
Phyllostictina pyriformis
Phytophthora capsici
Pseudomicrocera henningsii
Pseudomonas tonelliana
†*Psilenchus hilarulus*
Puccinia chloridis
Puccina cynodontis
Pythium aphanidermatum
†*Pythium ultimum*
‡*Ravenelia mesillana*
Ring spot virus
‡*Scirrhia lophodermioides*
Scopulariopsis brevicaulis var. *glabra*
Scutellonema brachyurum
Septonema intercalare
Septoria citri
Septoria selenophomoides
Sphaceloma punicae
†*Sphaceloma rosarum*
Sphenospora mera(?)
Stagonospora macrospora
‡Tobacco ring spot virus(?)
‡*Tylenchorhynchus acutus*
Tylenchorhynchus capitatus
†*Tylenchorhynchus martini*
‡*Tylenchus polyhypnus*
Uredo behnickiana
Uredo oncidii
Valsella pedicellata

NETHERLANDS:

Aphelenchoides fragariae(?)
Botrytis gladiolorum
Cercospora handelii
‡*Chalaropsis thielaviopsis*
Coniothyrium cytisellum
Coniothyrium hellebori
‡*Cylindrocarpon radicicola*
Diplodina leucothoes
Diplodina eurhododendri
Discohainesia oenotherae
Ditylenchus dipsaci
Fusicoccum galericulatum
Helicotylenchus nannus
Hendersonia piriformis
Heterodera punctata
Meloidogyne hapla
Monochaetia compta
‡*Myxosporium everhartii*
Oospora pustulans
†*Papulaspora dodgei*
Pestalotia macrotricha
Pestalotia rhododendri
Phoma lingam
Pratylenchus penetrans
Pratylenchus pratensis
Septoria azaleae
Urocystis gladiolicola
†*Venturia rhododendri*(?)
"Yellow spot" virus

NEW GUINEA:

†*Macrophoma araucariae*
†*Meloidogyne arenaria*
Pestalotia conspicua
†*Pestalotia micheneri*

NEW ZEALAND:

Ceratocystis narcissii
Cerebella andropogonis
Heterosporium iridis
†*Physalospora camptospora*
Sphaceloma fawcettii var. *scabiosa*

NICARAGUA:

†*Uredo epidendri*

NORFOLK ISLAND:

Cryptospora longispora
Macrophoma araucariae

See footnotes at end of this list

Countries of Origin and Diseases—Continued

NORWAY:
‡*Mycosphaerella vaccinii*
†*Plowrightia virgultorum*

PAKISTAN:
†*Curvularia geniculata*
†*Xanthomonas citri*

PANAMA:
Cercospora musae
‡*Puccinia thaliae*
Uredo behnickiana
Uredo scabies

PERU:
†*Cercospora insulana*
Heterodera rostochiensis
Meloidogyne incognita

PHILIPPINES:
Phoma citricarpa

PORTUGAL:
†*Ascochyta pisi*
‡*Aspergillus mangini*
†*Colletotrichum graminicola*
†*Mycosphaerella coffeicola*
†*Uromyces lineolatus*

PUERTO RICO:
Cercospora canescens
‡*Cercospora columnaris*
Elsinoe phaseoli
†*Meloidogyne javanica*
Puccinia urbaniana

SCOTLAND:
Ditylenchus dipsaci
Heterodera rostochiensis
‡*Pseudomonas viburni*

SINGAPORE:
†*Meloidogyne incognita*
Phoma citricarpa
Septoria citri(?)
Xanthomonas citri

SPAIN:
‡*Dendrophoma cytosporoides* var. *punicina*
Heterodera avenae
Monilinia fructigena
Septoria citri
†*Septoria piricola*
†*Uromyces phaseoli*

SURINAM:
†*Micropeltis bakeri*

SWEDEN:
Heterodera rostochiensis
†*Puccinia arenariae*

SWITZERLAND:
Chrysomyxa ledi var. *rhododendri*
Discohainesia oenotherae

THAILAND:
Phoma citricarpa

TRINIDAD:
†*Heterodera cacti*
†*Meloidogyne incognita acrita*
Phyllostictina pyriformis
‡*Scutellonema christiei*

TURKEY:
Ustilago bullata

UNION OF SOUTH AFRICA:
Collectotrichum dematium
Didymellina ornithogali
Heterosporium ornithogali
Meloidogyne incognita
Phoma citricarpa
Puccinia ornithogali-thyrsoides
†*Septoria selenophomoides*

UNKNOWN:
Botryosphaeria ribis
Elsinoe australis
Elsinoe mangiferae
Heterodera punctata
Macrophoma musae
Phoma citricarpa
Puccinia angustata
Septoria citri

URUGUAY:
‡*Diaporthe oncostoma*

VENEZUELA:
†*Botrytis gladiolorum*
†*Heterodera cacti*

WEST AFRICA:
Meloidogyne incognita

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A double dagger (‡) indicates first record of its interception by Division inspectors.

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